

## DOCUMENT RESUME

ED 427 814

JC 990 116

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TITLE A Demographic Profile of Students Enrolled in Michigan Community Colleges, 1997-98.  
INSTITUTION Michigan State Dept. of Education, Lansing.  
PUB DATE 1999-03-29  
NOTE 249p.; Report produced on colored paper.  
PUB TYPE Numerical/Quantitative Data (110) -- Reports - Research (143)  
EDRS PRICE MF01/PC10 Plus Postage.  
DESCRIPTORS Academic Achievement; Age; \*Community Colleges; Degrees (Academic); \*Demography; \*Enrollment Trends; Ethnicity; Job Skills; \*Sex; Statistical Data; \*Student Characteristics; Tables (Data); \*Two Year College Students; Two Year Colleges  
IDENTIFIERS \*Michigan

## ABSTRACT

This report provides demographic and enrollment data for the 1997-98 academic year, including fall 1998. Section 1 presents trends in fall enrollment, enrollment by ethnicity, percentage of first-time students, status by gender and age distribution, and enrollments in occupational programs by ethnicity. Section 2 provides program and non-program enrollment information, including year-end program enrollments and year-end occupational program enrollments by ethnicity. Section 3 lists awards and occupational degrees conferred from July 1, 1997 to June 30, 1998. Section 4 describes standards and measures for 1996-97, with information on basic and advanced academic and occupational work skills attainment. Report highlights include: (1) 195,075 students, taking at least one course creditable towards a degree, were enrolled as of October 15, 1998; (2) 77.18% of these students were white, 11.18% African American, 2.22% Hispanic, 2.13% Asian, and less than one percent American Indian; (3) 24,356 men were enrolled full-time and 59,467 part-time; 29,763 women were enrolled full-time and 81,489 part-time; and (4) half of the students enrolled were aged 18 to 24; 22% were over 35. Tables 1-26 provide statistical data on a ten-year history of fall enrollment, first-time students, full/part-time status, program enrollments, awards conferred by level, college, race, gender, and CIP code, and academic and work skills attainment. Appended are state board approval documents regarding general enrollment, degrees conferred, and enrollment by gender. (AS)

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# MICHIGAN DEPARTMENT OF EDUCATION POSTSECONDARY SERVICES COMMUNITY COLLEGE SERVICES UNIT

## A DEMOGRAPHIC PROFILE OF STUDENTS ENROLLED IN MICHIGAN COMMUNITY COLLEGES 1997-98 (Including Fall 1998)

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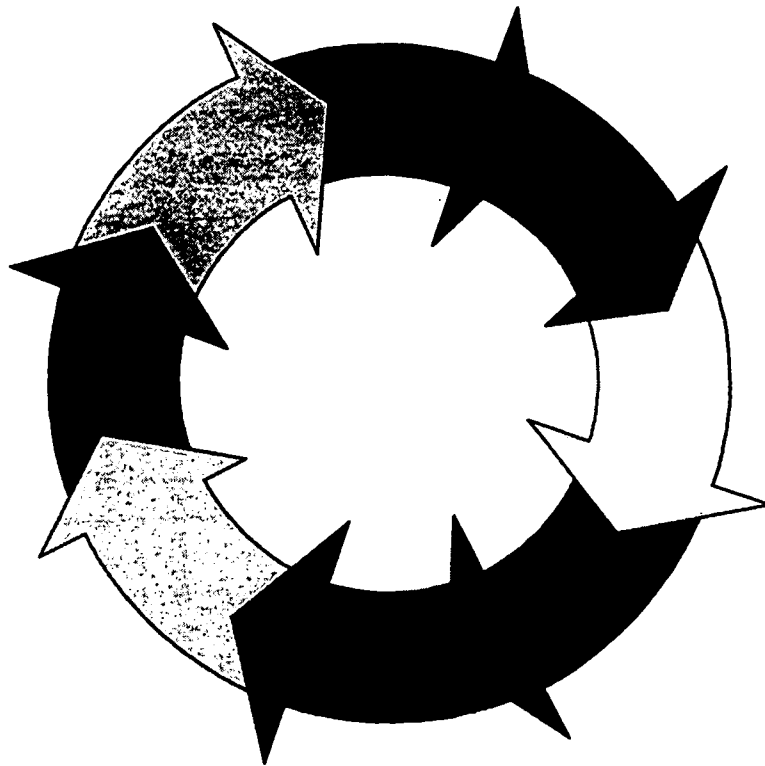
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## DEMOGRAPHIC PROFILE 1997-98



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Multiracial data are not reported in this document since fall enrollment and degree data for Michigan public community colleges are collected using spreadsheet duplications of federal forms which do not include a multiracial category.

Michigan Department of Education  
Postsecondary Services  
Director, James H. Folkening

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## MICHIGAN COMMUNITY COLLEGES

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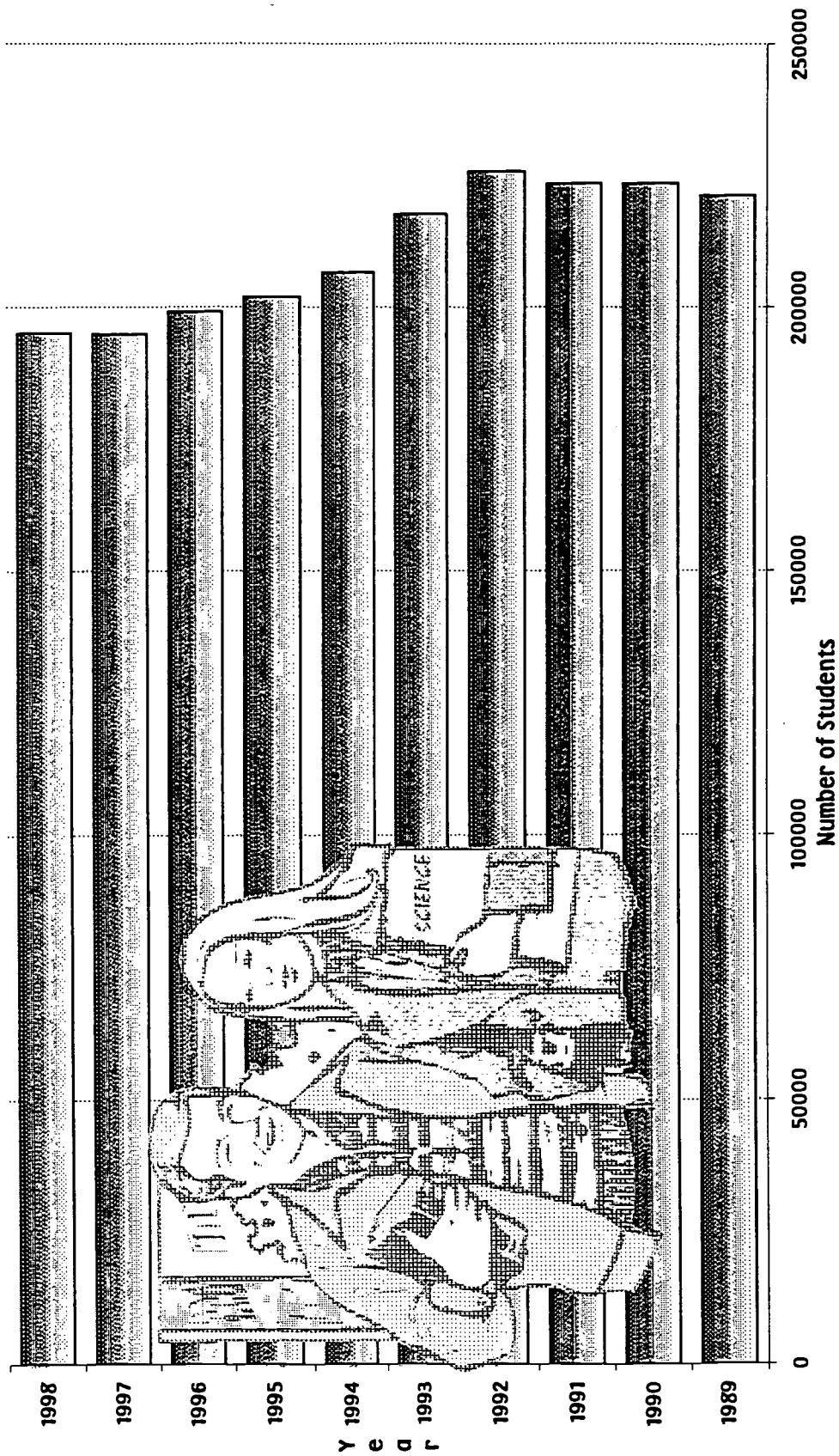
# *SECTION 1*

## *Enrollment Profile, Fall 1998*





## Trends in Fall Enrollment



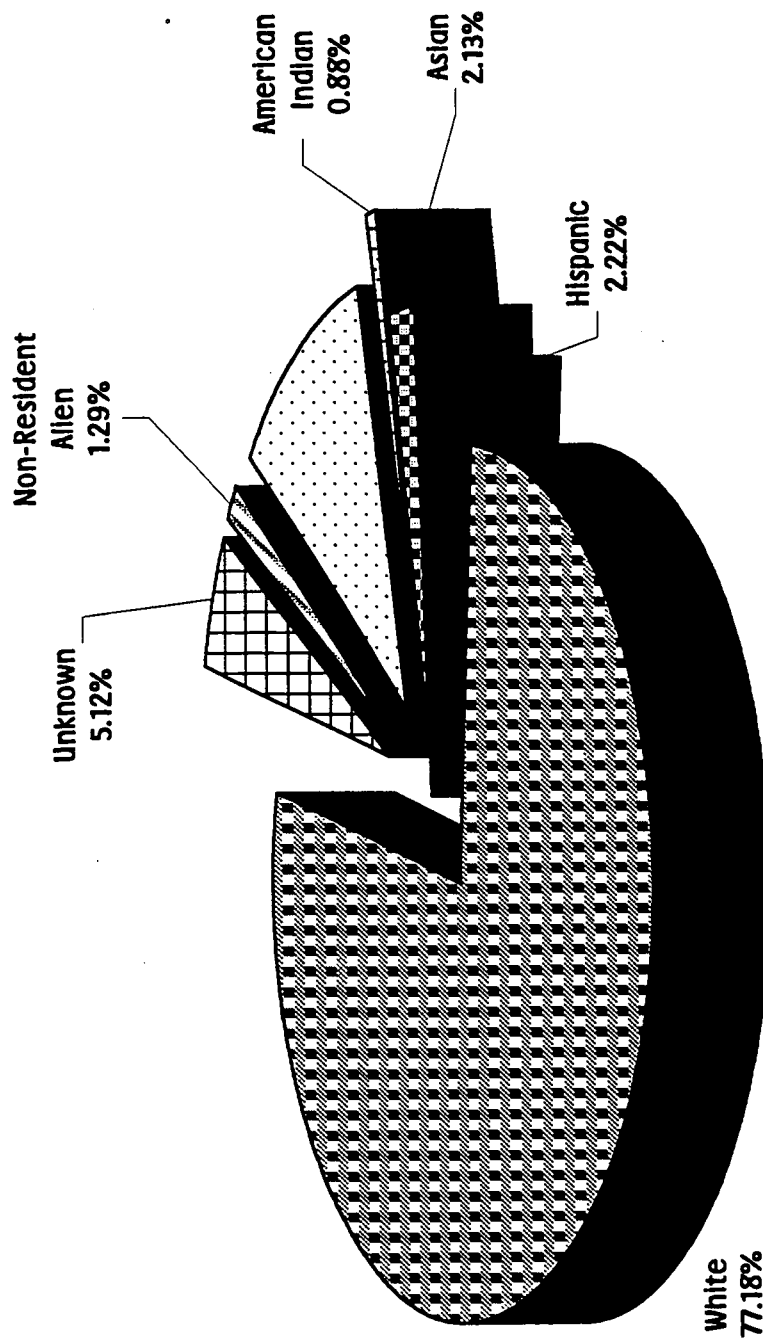
\*Includes only those students taking at least one course creditable towards a degree as of October 15 or 1/10 of Fall semester.

**TABLE 1: MICHIGAN COMMUNITY COLLEGES  
TEN YEAR HISTORY OF FALL ENROLLMENT\***

COMMUNITY COLLEGE	1 YEAR %									
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998 Change
Alpena	2,237	2,309	2,442	2,118	1,941	1,942	1,866	2,028	1,865	1,890 1.34%
Bay de Noc	2,257	2,166	2,255	2,308	2,430	2,248	2,229	2,180	2,206	2,240 1.54%
Mott	10,469	9,965	11,190	11,222	10,877	10,434	9,754	9,009	9,040	9,098 0.64%
Delta	10,928	11,118	11,190	11,288	11,974	11,114	10,272	10,056	10,007	9,472 -5.35%
Glen Oaks	1,463	1,428	1,433	1,387	1,334	1,212	1,190	1,447	1,442	1,674 16.09%
Gogebic	1,148	1,340	1,318	1,376	1,252	1,253	1,414	1,299	1,278	1,211 -5.24%
Grand Rapids	11,387	12,054	12,953	14,235	13,543	13,643	13,888	12,906	13,051	13,039 -0.09%
Henry Ford	16,126	16,150	15,509	15,069	14,899	14,161	12,920	13,435	13,001	12,984 -0.13%
Jackson	6,450	6,493	6,352	6,583	6,570	5,788	5,716	5,720	5,575	5,366 -3.75%
Kalamazoo Valley	8,530	8,902	9,437	9,637	9,344	9,202	8,961	8,761	8,655	8,793 1.59%
Kellogg	6,282	5,816	5,519	5,971	5,658	5,175	4,928	5,583	4,673	4,870 4.22%
Kirtland	1,241	1,271	1,165	1,309	1,390	1,350	1,502	1,472	1,357	1,222 -9.95%
Lake Michigan	3,338	3,422	3,625	3,820	3,481	3,406	3,261	3,145	3,164	3,297 4.20%
Lansing	21,716	22,349	21,781	21,828	18,432	16,816	16,404	16,136	15,690	16,443 4.80%
Macomb	31,670	31,542	30,165	28,943	27,444	25,809	25,176	24,400	23,574	23,163 -1.74%
Mid Michigan	2,178	1,925	2,025	2,281	2,294	2,287	2,386	2,311	2,372	2,331 -1.73%
Monroe County	3,261	3,313	3,644	3,899	4,024	3,695	3,814	3,737	3,575	3,629 1.51%
Montcalm	2,711	2,040	2,025	2,018	2,127	2,242	2,135	2,466	2,185	2,036 -6.82%
Muskegon	5,210	5,121	5,231	5,340	5,098	4,652	4,514	4,517	4,620	4,325 -6.39%
North Central	1,832	1,932	2,023	2,232	2,141	2,086	2,032	1,924	2,011	2,184 8.60%
Northwestern	4,698	4,391	4,386	4,277	4,017	3,899	3,937	3,924	3,872	4,090 5.63%
Oakland	27,504	28,068	28,854	29,100	28,192	26,324	25,913	24,732	24,223	24,237 0.06%
St. Clair County	4,333	4,467	4,601	4,876	4,849	4,622	4,258	4,081	4,004	3,862 -3.55%
Schoolcraft	9,011	9,177	9,487	9,985	9,756	9,473	9,393	9,307	9,420	9,292 -1.36%
Southwestern	2,411	2,551	2,779	2,873	2,834	2,665	2,551	2,868	2,802	3,019 7.74%
Washtenaw	10,117	10,977	10,870	10,940	10,252	10,420	10,024	10,405	10,488	10,441 -0.45%
Wayne County	11,544	11,986	10,049	9,577	10,056	9,284	9,914	9,919	9,413	9,529 1.23%
West Shore	1,226	1,305	1,326	1,430	1,522	1,487	1,616	1,452	1,376	1,338 -2.76%
<b>TOTAL</b>	<b>221,278</b>	<b>223,578</b>	<b>223,634</b>	<b>225,922</b>	<b>217,731</b>	<b>206,689</b>	<b>201,968</b>	<b>199,220</b>	<b>194,939</b>	<b>195,075 0.07%</b>

\*Includes only those students taking at least one course creditable towards a degree as of October 15 or 1/10 of Fall Semester.

# FALL 1998 ENROLLMENT BY ETHNICITY



N = 195,075

**TABLE 2: MICHIGAN COMMUNITY COLLEGES  
FALL 1998 ENROLLMENT BY ETHNICITY AND GENDER\***

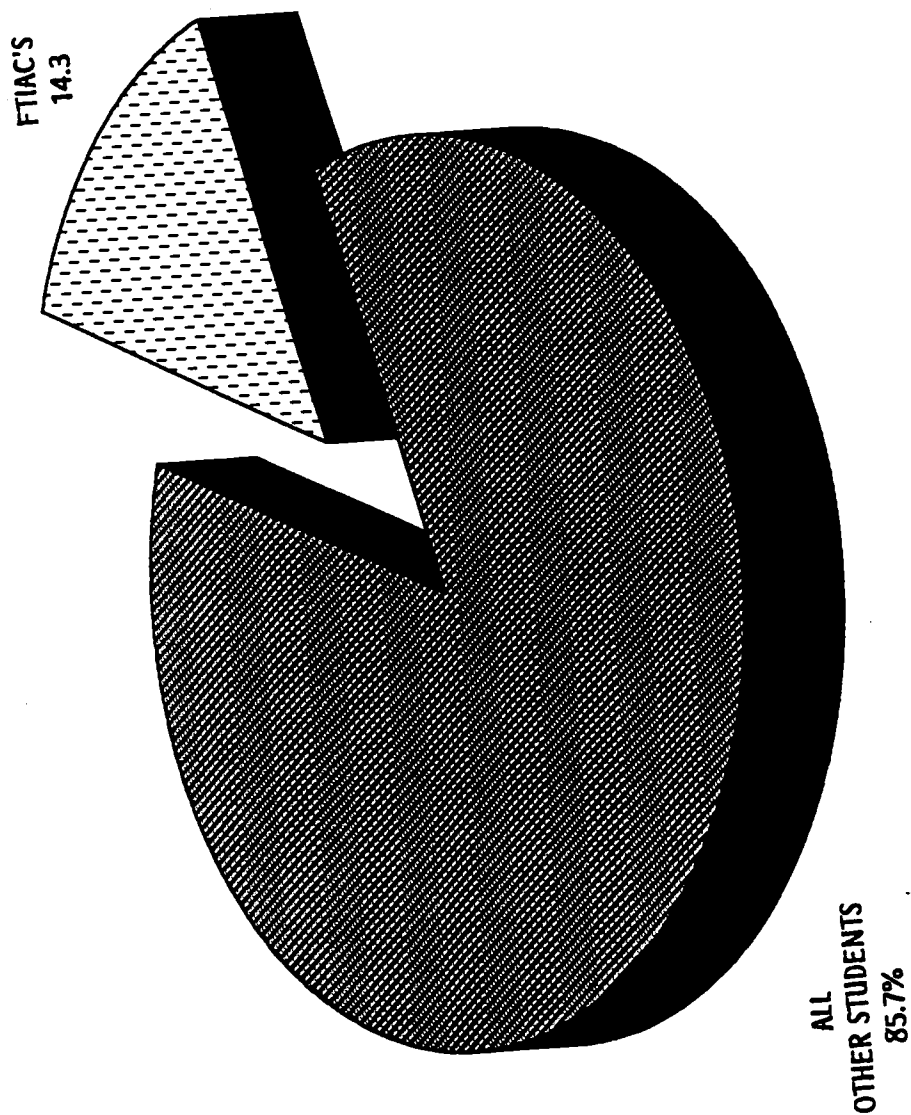
Community College	Non-Resident Alien		American Indian												TOTAL		TOTAL STUDENTS	
			Black		Asian		Hispanic		White									
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women				
Alpena	0	1	7	1	4	2	1	4	6	2	767	1,091	787	1,103	1,890			
Bay de Noc	2	1	3	0	31	63	2	4	4	2	742	1,386	784	1,456	2,240			
Mott	0	0	550	1,068	46	61	33	53	82	136	2,778	3,878	3,673	5,425	9,098			
Delta	15	24	222	449	24	43	23	44	162	226	3,447	4,523	4,016	5,456	9,472			
Glen Oaks	9	4	18	20	0	3	3	5	9	8	534	829	666	1,008	1,674			
Gogebic	3	3	0	0	12	14	1	0	0	0	526	641	547	664	1,211			
Grand Rapids	13	12	358	480	56	49	221	161	213	201	5,892	5,041	6,940	6,099	13,039			
Henry Ford	22	11	731	1,295	47	62	110	120	168	241	3,416	3,813	6,300	6,684	12,984			
Jackson	6	4	59	135	17	30	14	20	66	81	1,997	2,783	2,235	3,131	5,366			
Kalamazoo Valley	91	53	294	428	29	34	60	69	90	102	3,276	3,846	4,095	4,698	8,793			
Kellogg	3	11	99	273	10	19	18	24	36	45	1,462	2,753	1,665	3,205	4,870			
Kirtland	0	0	0	1	2	13	1	4	4	4	489	690	501	721	1,222			
Lake Michigan	35	42	182	312	10	20	24	33	35	45	1,101	1,443	1,397	1,900	3,297			
Lansing	203	202	511	774	80	80	229	229	275	343	5,752	7,132	7,235	9,208	16,443			
Macomb	47	55	392	420	79	68	333	280	149	164	9,454	10,007	11,316	11,847	23,163			
Mid Michigan	1	1	17	20	15	17	8	3	12	26	798	1,385	859	1,472	2,331			
Monroe County	0	2	12	17	6	10	8	16	18	29	1,356	2,088	1,436	2,193	3,629			
Montcalm	0	0	63	85	7	25	16	9	9	21	705	1,076	809	1,227	2,036			
Muskegon	8	10	113	223	21	23	11	15	36	63	1,656	2,015	1,910	2,415	4,325			
North Central	0	0	2	4	20	53	7	5	8	10	670	1,319	751	1,433	2,184			
Northwestern	0	0	8	6	30	58	14	8	20	27	1,582	2,204	1,707	2,383	4,090			
Oakland	621	893	1,021	2,119	61	111	361	559	201	298	7,473	10,247	9,860	14,377	24,237			
St. Clair County	13	10	18	48	12	19	5	12	24	30	1,362	2,295	1,442	2,420	3,862			
Schoolcraft	0	2	156	319	24	28	99	155	62	91	3,484	4,629	3,942	5,350	9,292			
Southwestern	32	23	62	153	5	19	10	11	23	24	936	1,572	1,113	1,906	3,019			
Washtenaw	13	12	496	756	50	45	256	348	110	106	3,371	3,929	4,770	5,671	10,441			
Wayne County	0	0	1,737	5,261	14	34	43	46	56	110	518	1,132	2,518	7,011	9,529			
West Shore	0	0	6	5	4	3	2	5	7	16	521	745	549	789	1,338			
TOTAL	1,137	1,376	7,137	14,672	716	1,006	1,913	2,242	1,885	2,451	66,065	84,492	83,823	111,252	195,075			

\*Includes students taking at least one course creditable towards a degree as of October 15, 1998 or 1/10 of Fall Semester.

Unknown = Total Students - Sum of Ethnic Groups

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**PERCENTAGE OF STUDENTS  
THAT ARE FIRST-TIME IN ANY COLLEGE (FTIAC'S)**

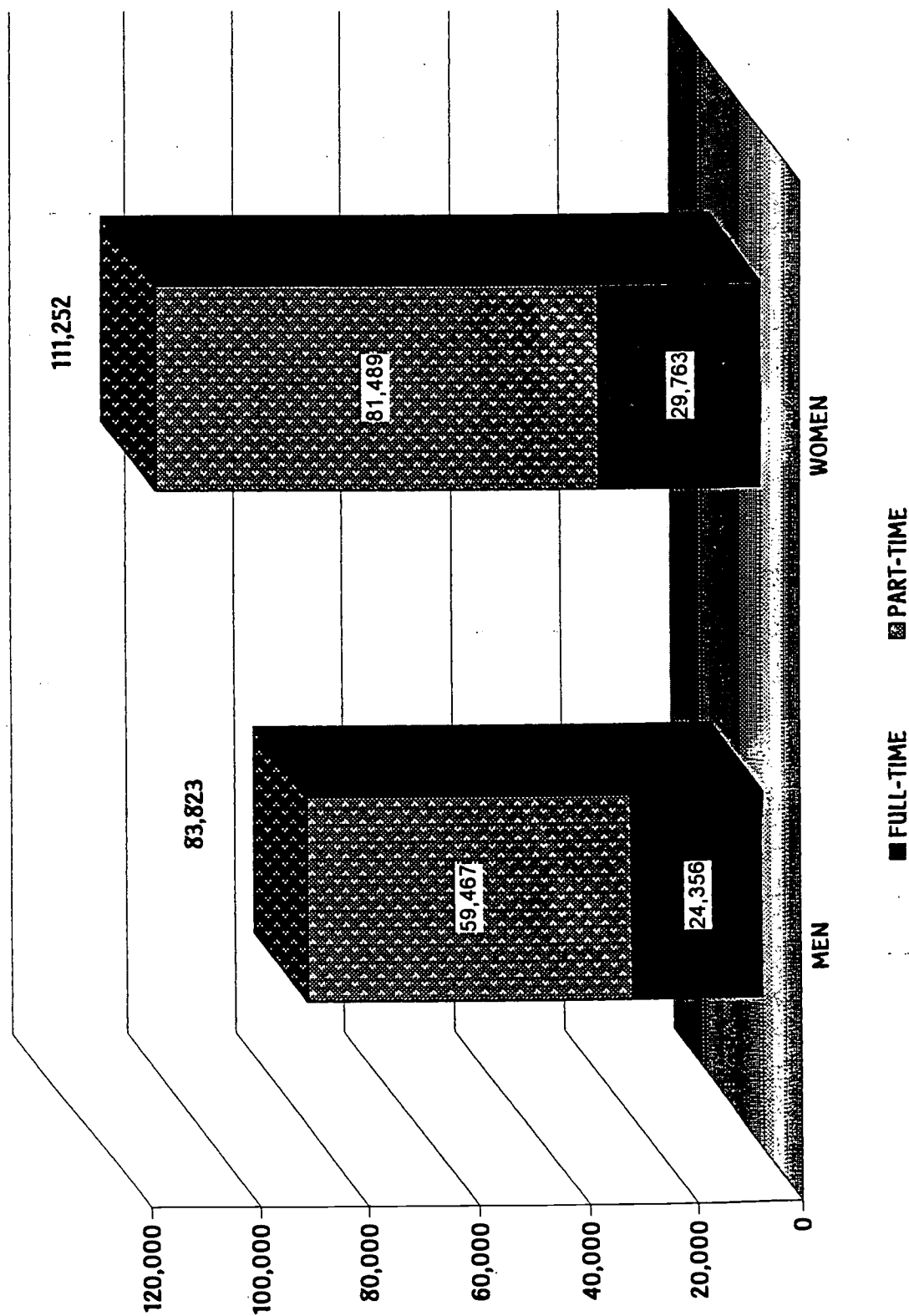


**TABLE 3: MICHIGAN COMMUNITY COLLEGES  
STUDENTS THAT ARE FIRST-TIME IN ANY COLLEGE (FTIAC'S), FALL 1998**

COMMUNITY COLLEGE	Non-Resident Alien		Black Non-Hispanic		American Indian		Asian		Hispanic		White Non-Hispanic		Unknown		GRAND TOTAL	% CHANGE
	Men	Wom	Men	Wom	Men	Wom	Men	Wom	Men	Wom	Men	Wom	Men	Wom		
Alpena	0	0	3	0	4	1	0	0	4	2	302	373	1	1	691	
Bay de Noc	1	0	0	0	13	20	1	0	2	0	199	322	0	0	558	
Mott	0	0	172	246	10	12	7	11	21	36	655	702	61	58	1,991	
Delta	5	3	56	87	3	11	3	3	24	36	678	847	36	52	1,844	
Glen Oaks	1	2	7	5	0	1	1	2	2	2	120	141	2	3	289	
Gogebic	0	0	0	0	8	7	0	0	0	0	190	151	0	1	357	
Grand Rapids	3	3	101	108	13	15	36	33	53	46	1,221	1,021	28	32	2,713	
Henry Ford	3	0	169	284	7	12	17	16	27	34	521	574	279	221	2,164	
Jackson	2	0	13	18	5	9	1	2	15	15	383	449	26	16	954	
Kalamazoo Valley	2	6	67	60	10	6	8	10	25	27	569	578	29	27	1,424	
Kellogg	2	2	13	21	2	1	5	0	5	8	234	341	15	8	657	
Kirtland	0	0	0	0	0	2	0	0	0	1	76	124	3	5	211	
Lake Michigan	6	3	32	46	1	1	2	2	4	2	112	140	3	2	356	
Lansing	11	20	57	57	4	7	12	9	19	26	435	417	6	14	1,094	
Macomb	6	2	54	60	9	3	31	30	13	17	949	924	51	56	2,205	
Mid Michigan	0	0	0	3	5	4	0	0	3	5	147	221	2	5	395	
Monroe County	0	1	2	5	1	2	1	3	4	12	353	527	25	24	960	
Montcalm	0	0	11	12	2	3	2	0	2	6	164	187	3	2	394	
Muskegon	3	3	30	44	7	4	1	4	10	13	467	496	8	15	1,105	
North Central	0	0	0	1	5	6	1	2	4	0	102	163	4	1	289	
Northwestern	0	0	4	2	12	22	3	2	11	14	571	689	13	18	1,361	
Oakland	54	37	73	63	2	2	12	15	7	11	348	276	8	8	916	
St. Clair County	3	3	5	12	1	3	0	2	5	10	358	518	1	2	923	
Schoolcraft	0	0	42	44	5	4	7	14	11	14	552	603	20	19	1,335	
Southwestern	3	1	16	20	0	3	1	0	6	4	198	265	8	8	533	
Washtenaw	0	2	48	69	2	3	10	10	8	4	217	260	40	38	711	
Wayne County	0	0	266	665	0	4	3	3	6	10	54	95	14	31	1,151	
West Shore	0	0	1	0	1	0	0	2	1	4	122	135	4	5	275	
TOTAL	105	88	1,242	1,932	132	168	165	175	292	359	10,297	11,539	690	672	27,856	1.94%
Fall 1997	110	118	1,269	1,719	111	142	195	173	337	382	10,198	11,424	589	559	27,325	



# STATUS BY GENDER



**TABLE 4: MICHIGAN COMMUNITY COLLEGES  
FULL/PART-TIME STATUS, FALL 1998**

	FULL-TIME		PART-TIME		TOTAL		TOTAL STUDENTS
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	
Alpena	403	457	384	646	787	1,103	1,890
Bay de Noc	506	768	278	688	784	1,456	2,240
Mott	1,155	1,524	2,518	3,901	3,673	5,425	9,098
Delta	1,168	1,523	2,848	3,933	4,016	5,456	9,472
Glen Oaks	269	364	397	644	666	1,008	1,674
Gogebic	329	315	218	349	547	664	1,211
Grand Rapids	1,953	1,999	4,987	4,100	6,940	6,099	13,039
Henry Ford	1,586	1,783	4,714	4,901	6,300	6,684	12,984
Jackson	631	878	1,604	2,253	2,235	3,131	5,366
Kalamazoo Valley	1,219	1,336	2,876	3,362	4,095	4,698	8,793
Keillogg	541	760	1,124	2,445	1,665	3,205	4,870
Kirtland	170	265	331	456	501	721	1,222
Lake Michigan	377	492	1,020	1,408	1,397	1,900	3,297
Lansing	2,151	2,245	5,084	6,963	7,235	9,208	16,443
Macomb	2,630	2,868	8,686	8,979	11,316	11,847	23,163
Mid Michigan	394	546	465	926	859	1,472	2,331
Monroe County	427	634	1,009	1,559	1,436	2,193	3,629
Montcalm	120	256	689	971	809	1,227	2,036
Muskegon	642	690	1,268	1,725	1,910	2,415	4,325
North Central	241	408	510	1,025	751	1,433	2,184
Northwestern	656	743	1,051	1,640	1,707	2,383	4,090
Oakland	2,713	2,962	7,147	11,415	9,860	14,377	24,237
St. Clair County	525	761	917	1,659	1,442	2,420	3,862
Schoolcraft	1,208	1,370	2,734	3,980	3,942	5,350	9,292
Southwestern	399	601	714	1,305	1,113	1,906	3,019
Washtenaw	1,132	1,170	3,638	4,501	4,770	5,671	10,441
Wayne County	608	1,787	1,910	5,224	2,518	7,011	9,529
West Shore	203	258	346	531	549	789	1,338
<b>TOTAL</b>	<b>24,356</b>	<b>29,763</b>	<b>59,467</b>	<b>81,489</b>	<b>83,823</b>	<b>111,252</b>	<b>195,075</b>
<b>FALL 1997</b>	<b>23,850</b>	<b>29,267</b>	<b>59,375</b>	<b>82,447</b>	<b>83,225</b>	<b>111,714</b>	<b>194,939</b>

\*Includes only those students taking at least one course creditable towards a degree as of October 15 or 1/10 of Fall Semester.

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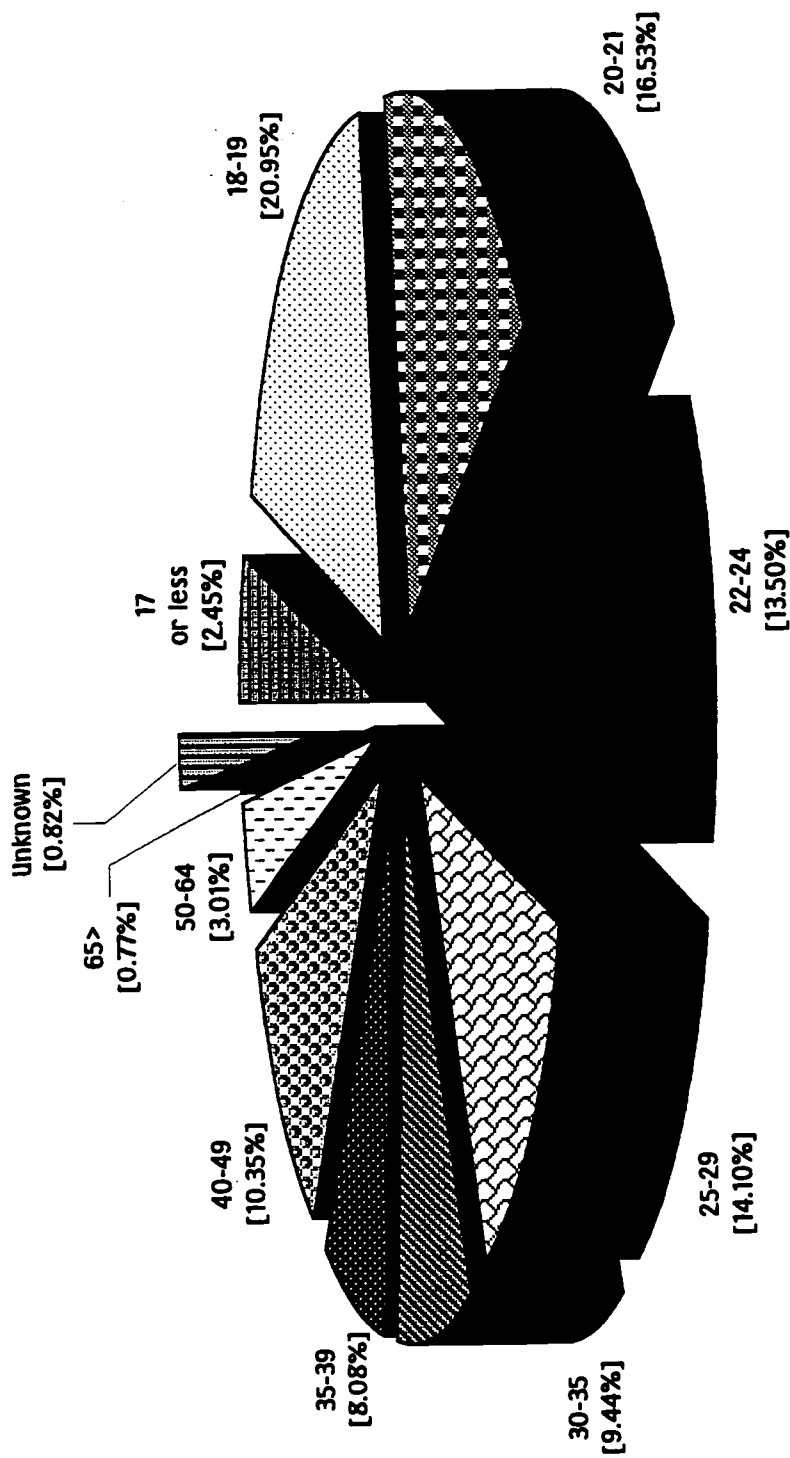


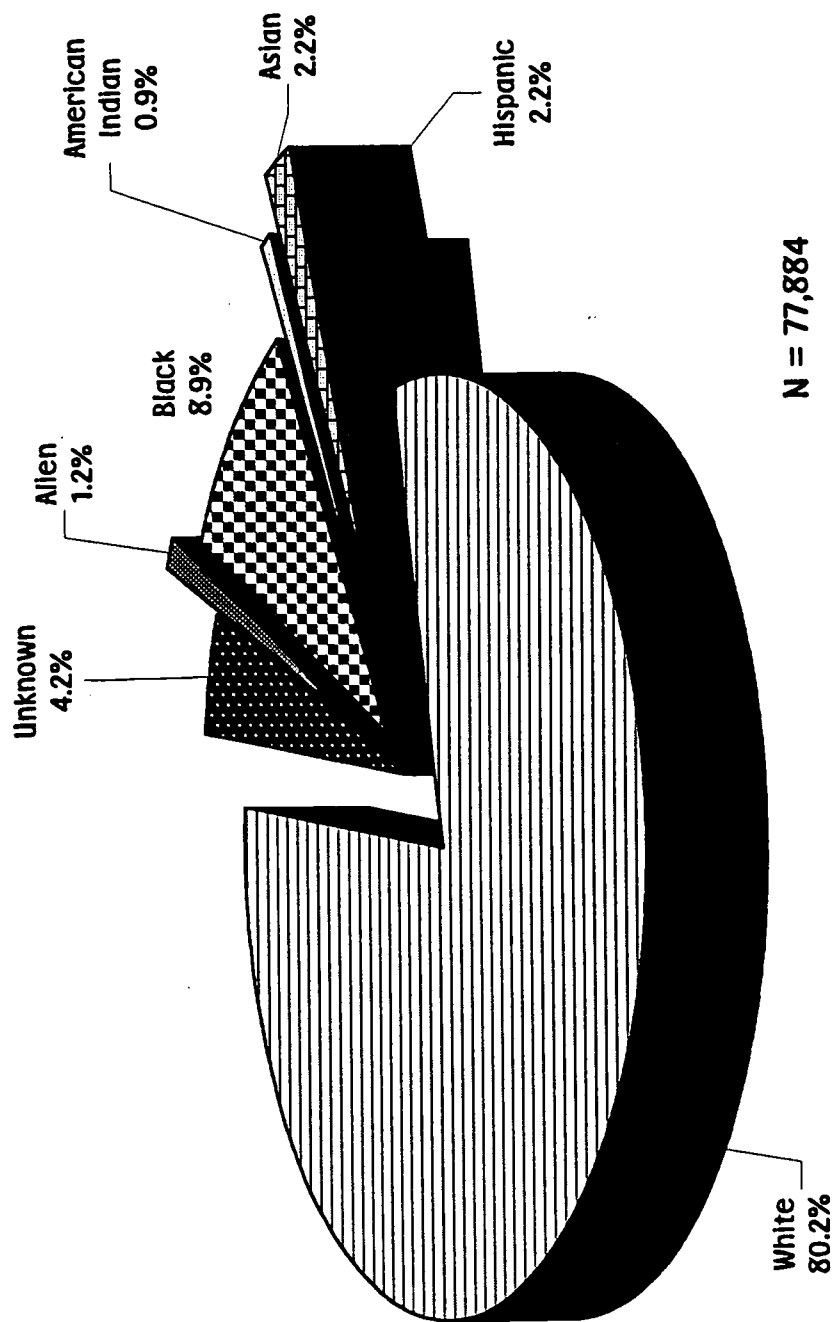
TABLE 5: MICHIGAN COMMUNITY COLLEGES  
ENROLLMENT BY AGE AND GENDER, FALL 1998

AGE	FULL-TIME		PART-TIME		GRAND TOTAL
	MEN	WOMEN TOTAL	MEN	WOMEN TOTAL	
17 or less	1,305	1,556	2,307	3,381	8,549
18-19	8,585	10,698	7,329	9,351	35,963
20-21	7,583	7,849	8,871	10,478	34,781
22-24	3,142	3,395	9,142	11,142	26,821
25-29	1,771	2,421	10,128	12,378	26,698
30-34	634	1,299	6,454	8,845	17,232
35-39	454	970	5,088	8,300	14,812
40-49	475	1,073	6,449	12,017	20,014
50-64	126	208	2,046	3,792	6,172
65>	16	11	469	532	1,028
Unknown	265	283	1,184	1,273	3,005
<b>TOTAL</b>	<b>24,356</b>	<b>29,763</b>	<b>59,467</b>	<b>81,489</b>	<b>195,075</b>

Mean Age = 27.25

Mean Age (Fall 1997) = 27.43

# FALL 1998 ENROLLMENTS IN OCCUPATIONAL PROGRAMS BY ETHNICITY



**TABLE 6: MICHIGAN COMMUNITY COLLEGES  
FALL 1998 ENROLLMENTS IN OCCUPATIONAL PROGRAMS**

Community College	Non-Resident Alien		Black		American Indian				Asian		Hispanic		White		Unknown		TOTAL		TOTAL STUDENTS
	Men		Women		Men		Women		Men		Women		Men		Women		Men		
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
Alpena	0	0	3	0	3	0	1	2	3	1	327	341	0	0	337	344	681		
Bay de Noc	1	1	1	0	16	30	0	2	2	2	314	644	0	0	334	679	1,013		
Mott	0	0	248	622	18	37	14	27	38	59	1,186	1,876	65	116	1,569	2,737	4,306		
Delta	6	10	93	215	13	20	6	13	69	103	1,561	1,999	49	41	1,797	2,401	4,198		
Glen Oaks	4	2	8	9	0	2	1	0	5	4	232	360	4	4	254	381	635		
Gogebic	3	2	0	0	11	5	1	1	0	0	235	300	1	0	251	308	559		
Grand Rapids	4	0	129	191	19	18	74	56	96	76	2,071	1,759	79	63	2,472	2,163	4,635		
Henry Ford	11	5	430	544	17	21	62	61	83	84	2,029	1,695	980	354	3,612	2,764	6,376		
Jackson	1	0	14	62	5	12	5	7	20	28	782	1,115	21	25	848	1,249	2,097		
Kalamazoo Valle	11	9	102	130	7	12	21	20	32	23	993	891	47	34	1,213	1,119	2,332		
Kellogg	0	2	45	104	3	11	2	7	15	18	581	1,330	12	39	658	1,511	2,169		
Kirtland	0	0	0	0	1	10	0	1	1	2	194	442	1	6	197	461	658		
Lake Michigan	10	23	65	124	1	5	7	10	15	14	319	510	2	1	419	687	1,106		
Lansing	35	41	141	204	23	19	53	61	70	85	1,523	1,754	16	13	1,861	2,177	4,038		
Macomb	22	20	282	190	47	33	210	141	95	77	5,381	4,336	326	287	6,363	5,084	11,447		
Mid Michigan	0	0	2	5	6	6	0	1	3	4	303	494	2	6	316	516	832		
Monroe County	0	1	4	5	1	2	2	3	3	5	376	569	4	4	390	589	979		
Montcalm	0	0	53	44	4	14	12	5	7	10	483	562	5	5	564	640	1,204		
Muskegon	2	5	22	72	3	12	2	6	10	22	323	655	2	1	364	773	1,137		
North Central	0	0	0	0	9	18	0	0	2	3	119	412	5	7	135	440	575		
Northwestern	0	0	7	2	14	35	6	3	10	12	720	926	18	25	775	1,003	1,778		
Oakland	285	369	507	1112	27	50	169	319	80	132	3,390	4,799	49	50	4,507	6,831	11,338		
St. Clair County	2	5	5	16	3	5	1	7	5	15	369	758	3	2	388	808	1,196		
Schoolcraft	0	1	110	250	18	15	48	89	40	46	2,036	2,495	56	63	2,308	2,959	5,267		
Southwestern	18	14	31	49	1	8	4	3	6	8	349	414	6	7	415	503	918		
Washtenaw	1	4	194	246	17	11	57	63	28	26	926	1,082	145	111	1,368	1,543	2,911		
Wayne County	0	0	498	1717	0	9	12	19	16	33	180	477	43	111	749	2,366	3,115		
West Shore	0	0	4	3	2	2	1	3	1	5	156	203	1	3	165	219	384		
	416	514	2,998	5,916	289	422	771	930	755	897	27,458	33,198	1,942	1,378	34,629	43,255	77,884		

Unknowns not shown.  
Reporting Period: Official Count date (1/10 Semester) during Fall Semester.

**TABLE 7: MICHIGAN COMMUNITY COLLEGES  
FALL 1998 ENROLLMENTS IN OCCUPATIONAL PROGRAMS BY CIP CODE**

CIP CODE	Program Name	Non-Resident					White	nknown	TOTAL	
		Allen	Black	Indian	Asian	Hispani			MEN	WOMEN STUDENTS
01.0304	Crop Prod. Op. & Mgmt.	0	0	0	0	0	3	0	3	0
01.0501	Agricultural Supplies Retailing & Wholesaling	0	0	0	0	0	2	0	1	1
01.0601	Horticulture Serv. Op. & Mgmt., Gen.	0	0	1	0	1	40	0	15	27
01.0605	Landscaping Op. & Mgmt.	2	6	0	5	1	165	2	87	94
01.0607	Turf Mgmt.	0	0	0	0	0	18	0	17	1
01.9999	Agricultural Business & Prod., Oth.	0	0	0	0	0	3	0	1	2
03.0203	Natural Resources Law Enforcement & Prote	0	2	0	0	0	6	1	3	6
03.0299	Natural Resources Mgmt. & Protective Serv.,	0	0	0	1	0	6	0	5	2
08.0102	Fashion Merchandising	1	7	1	1	4	81	1	3	93
08.0204	Business Serv. Mkt. Op.	1	2	0	0	1	20	1	10	15
08.0301	Entrepreneurship	0	0	1	0	0	2	0	0	3
08.0705	Gen. Retailing Op.	2	12	1	1	1	86	0	38	65
08.0706	Gen. Selling Skills & Sales Op.	1	9	0	1	3	80	3	34	63
08.0708	Gen. Mkt. Op.	3	24	1	2	7	193	0	96	134
08.0799	Gen. Retailing & Wholesaling Op. & Skills, Oth.	3	0	0	0	0	17	2	10	12
08.0810	Office Products Mkt. Op.	0	0	0	1	0	8	0	6	3
09.0201	Advertising	0	0	0	0	0	1	0	0	1
09.0401	Journalism	0	2	0	0	0	7	0	6	3
09.0402	Broadcast Journalism	0	0	0	0	0	2	0	2	0
10.0103	Photographic Technol./Tech.	1	8	4	6	5	167	10	66	135
10.0104	Radio & Television Broadcasting Technol./Te	3	25	4	1	9	114	3	105	54
10.0199	Communications Tech./Tech., Oth.	0	6	0	0	1	31	0	26	12
11.0201	Computer Programming	18	531	23	188	62	2,266	228	1,635	1,681
11.0301	Data Processing Technol./Tech.	13	49	2	7	8	348	12	180	259
11.9999	Computer & Information Sciences, Oth.	16	29	1	6	6	318	6	152	230
12.0401	Cosmetic Serv., Gen.	0	0	0	0	0	1	0	0	1
12.0403	Cosmetologist	2	32	4	2	8	133	5	5	181

**TABLE 7: MICHIGAN COMMUNITY COLLEGES  
FALL 1998 ENROLLMENTS IN OCCUPATIONAL PROGRAMS BY CIP CODE**

CIP CODE	Program Name	Non-Resident							TOTAL	
		Alien	Black	Indian	American	Asian	Ispanl	White	Men	Women
								known		Students
12.0405	Massage								28	90
12.0499	Cosmetic Serv., Oth.	0	2	2	2	0	0	111	2	118
12.0501	Baker/Pastry Chef	0	0	0	0	0	0	4	0	4
12.0503	Culinary Arts/Chef Training	0	0	0	0	0	1	10	0	11
12.0504	Food & Beverage/Restaurant Op. Mgr.	23	120	12	17	17	21	906	58	1,157
12.0505	Kitchen Personnel/Cook & Assistant Training	0	8	0	1	1	0	51	1	61
12.9999	Personal & Miscellaneous Serv., Oth.	0	1	0	0	0	0	4	2	7
		0	48	5	48	53	961	84	710	1,199
13.1501	Teacher Assistant/Aide	0	3	0	0	0	1	56	1	59
15.0101	Architectural Engin. Technol./Tech.	5	48	5	12	17	388	30	370	60
15.0201	Civil Engin./Civil Technol./Tech.	0	4	0	1	1	82	2	73	135
15.0301	Computer Engin. Technol./Tech.	0	40	3	3	4	82	3	97	17
15.0303	Electrical, Electronic & Communications Engi	13	227	10	46	38	1,417	84	1,641	90
									194	1,835
15.0304	Laser & Optical Technol./Tech.	0	0	0	0	1	12	0	11	2
15.0399	Electrical & Electronic Engin.-Related Tech./	1	6	2	2	5	156	5	156	13
15.0401	Biomedical Engin.-Related Technol./Tech.	0	4	2	2	0	34	1	36	21
15.0402	Computer Main. Technol./Tech.	10	14	1	7	4	131	3	138	7
15.0403	Electromechanical Technol./Tech.	0	43	1	10	5	231	21	273	32
									38	311
15.0404	Instrumentation Technol./Tech.	0	3	0	0	0	12	2	16	1
15.0405	Robotics Technol./Tech.	3	15	0	4	5	181	9	193	17
15.0499	Electromechanical Instrumentation & Main. T	0	5	0	5	0	40	1	44	24
15.0501	Heating, Air Conditioning & Refrigeration Te	1	45	0	4	9	411	38	497	7
15.0503	Energy Mgmt. & Systems Technol./Tech.	0	21	3	2	4	142	29	184	11
									201	201
15.0506	Water Quality & Wastewater Treatment Tech	0	1	1	2	0	39	0	33	10
15.0507	Environmental & Pollution Control Technol./T	0	4	1	2	2	48	1	28	43
15.0599	Environmental Control Tech./Tech., Oth.	0	2	0	0	0	28	0	25	58
15.0603	Industrial/Manufacturing Technol./Tech.	1	41	6	7	7	521	25	552	30
15.0607	Plastics Technol./Tech.	0	3	1	4	4	130	0	120	56
15.0611	Metallurgical Technol./Tech.	0	6	1	0	0	82	1	72	608
									142	142
									90	90

**TABLE 7: MICHIGAN COMMUNITY COLLEGES  
FALL 1998 ENROLLMENTS IN OCCUPATIONAL PROGRAMS BY CIP CODE**

CIP CODE	Program Name	Non-Resident					White	nknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Ispani			MEN	WOMEN	
15.0699	Industrial Prod. Tech./Tech., Oth.	3	23	0	14	1	191	26	239	19	258
15.0701	Occupational Safety & Health Technol./Tech.	0	0	0	0	0	3	0	3	0	3
15.0702	Quality Control Technol./Tech.	0	14	2	3	5	255	21	176	124	300
15.0803	Automotive Engineering Technol./Tech.	2	32	4	5	10	217	21	276	15	291
15.0805	Mechanical Engin./Mechanical Technol./Tec	0	14	0	2	5	205	18	205	39	244
15.0899	Mechanical Engin.-Related Tech./Tech., Oth.	1	6	2	1	7	199	17	205	28	233
15.1001	Construction/Building Technol./Tech.	0	2	0	1	1	43	1	40	8	48
15.1101	Engin.-Related Technol./Tech., Gen.	1	0	0	0	0	33	2	31	5	36
15.1102	Surveying	1	2	0	0	1	47	0	38	13	51
15.1103	Hydraulic Technol./Tech.	0	1	0	0	0	8	13	20	2	22
15.9999	Engin.-Related Tech./Tech., Oth.	0	9	2	2	2	117	1	113	20	133
19.9999	Home Economics, Other	0	0	0	0	0	1	0	0	1	1
20.0201	Child Care & Guidance Workers & Mgrs., Gen.	1	141	15	5	29	795	23	20	989	1,009
20.0202	Child Care Provider/Assistant	4	146	9	8	20	709	34	29	901	930
20.0203	Child Care Serv. Mgr.	0	2	0	0	0	56	0	1	57	58
20.0299	Child Care & Guidance Workers & Mgrs., Oth.	0	7	1	1	1	41	2	1	52	53
20.0301	Clothing, Apparel & Textile Workers & Mgrs.,	0	2	0	0	0	3	1	2	4	6
20.0401	Institutional Food Workers & Administrators,	0	25	1	2	3	104	13	69	79	148
20.0404	Dietician Assistant	0	14	0	0	0	3	1	5	13	18
20.0409	Institutional Food Serv. Administrator	1	11	1	1	1	43	4	26	36	62
20.0499	Institutional Food Workers & Administrators,	0	3	1	2	1	9	1	6	11	17
20.0501	Home Furnishings & Equip. Installers & Consu	0	2	0	1	6	64	0	4	69	73
20.0599	Home Furnishings & Equip. Installers & Consu	3	1	0	1	2	36	1	3	41	44
20.0604	Custodian/Caretaker	0	0	0	0	0	2	0	2	0	2
20.9999	Vocational Home Economics, Oth.	0	0	0	0	1	1	0	0	2	2
22.0103	Paralegal/Legal Assistant	17	101	5	8	28	789	37	128	857	985
25.0301	Library Assistant	2	5	0	1	1	51	0	5	55	60





**TABLE 7: MICHIGAN COMMUNITY COLLEGES  
FALL 1998 ENROLLMENTS IN OCCUPATIONAL PROGRAMS BY CIP CODE**

CIP CODE	Program Name	Non-Resident					White	nkown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Ispanl			MEN	WOMEN	
47.0199	Electrical & Electronics Equip. Installer & Re	0	1	0	1	1	8	0	11	0	11
47.0201	Heating, Air Conditioning & Refrigeration Me	2	20	3	2	5	212	9	243	10	253
47.0302	Heavy Equip. Main. & Repairer	0	0	0	0	0	1	7	7	1	8
47.0303	Industrial Machinery Main. & Repairer	0	2	0	2	3	46	44	89	8	97
47.0399	Industrial Equip. Main. & Repairers, Oth.	0	7	0	0	0	27	63	93	4	97
47.0402	Gunsmith	0	0	0	0	0	1	0	1	0	1
47.0499	Miscellaneous Mechanics & Repairers, Oth.	0	1	0	0	0	2	0	2	1	3
47.0501	Stationary Energy Sources Installer & Opera	4	14	3	1	1	77	28	119	9	128
47.0603	Auto/Automotive Body Repairer	1	14	1	3	4	76	10	104	5	109
47.0604	Auto/Automotive Mechanic/Tech.	6	124	10	26	28	880	70	1,053	91	1,144
47.0605	Diesel Engine Mechanic & Repairer	0	4	0	0	0	11	15	29	1	30
47.0607	Aircraft Mechanic/Tech., Airframe	2	4	0	0	2	68	1	69	8	77
47.0608	Aircraft Mechanic/Tech., Powerplant	0	3	0	0	0	4	0	4	3	7
47.0609	Aviation Systems & Avionics Main. Technologi	4	2	0	0	1	7	0	14	0	14
47.0699	Vehicle & Mobile Equip. Mechanics & Repaire	0	0	0	0	1	10	1	12	0	12
47.9999	Mechanics & Repairers, Oth.	1	1	3	0	3	220	2	220	10	230
48.0101	Drafting, Gen.	3	94	21	36	25	1,443	25	1,303	344	1,647
48.0102	Architectural Drafting	1	12	3	4	10	278	10	231	87	318
48.0104	Electrical/Electronics Drafting	0	7	1	5	0	49	2	50	14	64
48.0105	Mechanical Drafting	38	202	13	143	54	1,957	97	1,904	600	2,504
48.0199	Drafting, Oth.	0	2	0	0	1	10	0	9	4	13
48.0201	Graphic & Printing Equip. Operator, Gen.	1	5	2	3	5	104	13	65	68	133
48.0206	Lithographer & Platemaker	0	5	1	0	5	79	1	43	48	91
48.0299	Graphic & Printing Equip. Operators, Oth.	0	0	0	0	0	3	0	2	1	3
48.0501	Machinist/Machine Technologist	0	29	4	3	13	438	37	478	46	524
48.0503	Machine Shop Assistant	0	25	2	16	8	432	107	567	23	590
48.0506	Sheet Metal Worker	0	3	0	0	1	19	9	29	3	32

**TABLE 7: MICHIGAN COMMUNITY COLLEGES  
FALL 1998 ENROLLMENTS IN OCCUPATIONAL PROGRAMS BY CIP CODE**

CIP CODE	Program Name	Non-Resident					White	nknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Ispani			MEN	WOMEN	
48.0507	Tool & Die Maker/Technologist	1	43	6	15	15	681	181	842	100	942
48.0508	Welder/Welding Technologist	1	24	7	2	10	327	39	373	37	410
48.0599	Precision Metal Workers, Oth.	1	6	0	2	5	78	2	88	6	94
48.0701	Woodworkers, Gen.	0	2	0	0	0	9	1	10	2	12
48.0799	Woodworkers, Oth.	0	0	0	0	0	8	7	11	4	15
48.9999	Precision Prod. Trades, Oth.	0	34	4	4	20	655	20	696	41	737
49.0102	Aircraft Pilot & Navigator (Professional)	2	6	2	2	1	173	8	173	21	194
49.0104	Aviation Mgmt.	0	0	0	0	0	7	0	3	4	7
49.0205	Truck, Bus & Oth. Commercial Vehicle Operat	0	0	0	0	0	3	1	4	0	4
49.0309	Marine Science/Merchant Marine Officer	0	1	0	0	0	52	1	50	4	54
49.0399	Water Transportation Workers, Oth.	0	0	0	0	0	22	1	19	4	23
49.9999	Transportation & Materials Moving Workers,	0	3	0	3	0	63	12	66	15	81
50.0301	Dance	0	1	1	0	0	9	0	2	9	11
50.0402	Graphic Design, Commercial Art & Illustration	32	114	17	47	34	1,443	81	766	1,002	1,768
50.0404	Industrial Design	0	6	1	0	0	69	7	35	48	83
50.0408	Interior Design	1	19	1	2	2	75	14	6	108	114
50.0499	Design & Applied Arts, Oth.	0	0	0	0	0	1	0	0	1	1
50.0605	Photography	4	12	0	5	6	173	6	80	126	206
50.0711	Ceramics Arts & Ceramics	0	3	1	4	2	111	4	24	101	125
50.0799	Fine Arts & Art Studies, Oth.	0	0	0	0	0	1	0	0	1	1
50.0903	Music - Gen. Performance	0	1	0	0	0	11	0	5	7	12
50.9999	Visual & Performing Arts, Oth.	0	4	0	0	1	21	0	8	18	26
51.0205	Sign Language Interpreter	0	12	2	2	6	148	2	19	153	172
51.0301	Community Health Liaison	0	106	1	0	4	67	3	32	149	181
51.0601	Dental Assistant	1	30	2	3	9	141	1	6	181	187
51.0602	Dental Hygienist	6	88	12	13	30	885	25	40	1,019	1,059
51.0699	Dental Serv., Oth.	0	4	0	0	0	15	0	2	17	19

**TABLE 7: MICHIGAN COMMUNITY COLLEGES  
FALL 1998 ENROLLMENTS IN OCCUPATIONAL PROGRAMS BY CIP CODE**

CIP CODE	Program Name	Non-Resident							Total Men	Total Women	Total Students
		Alien	Black	American Indian	Asian	Hispani	White	nkown			
51.0703	Health Unit Coordinator/Ward Clerk	0	1	0	0	3	34	1	1	38	39
51.0705	Medical Office Mgmt.	0	1	0	1	2	51	3	0	58	58
51.0707	Medical Records Technol./Tech.	0	14	1	1	4	106	12	5	133	138
51.0708	Medical Transcription	2	11	2	3	1	84	6	3	106	109
51.0801	Medical Assistant	10	39	10	22	13	503	25	45	577	622
51.0803	Occupational Therapy Assistant	0	114	2	10	6	335	13	53	427	480
51.0805	Pharmacy Tech./Assistant	0	9	1	0	0	31	6	5	42	47
51.0806	Physical Therapy Assistant	12	89	4	15	19	516	27	149	533	682
51.0808	Veterinarian Assistant/Animal Health Tech.	0	25	0	3	0	151	5	12	172	184
51.0901	Cardiovascular Technol./Tech.	0	0	0	0	0	1	0	0	1	1
51.0904	Emergency Medical Technol./Tech.	1	80	5	3	9	467	20	281	304	585
51.0905	Nuclear Medical Technol./Tech.	3	6	1	0	0	11	0	5	16	21
51.0907	Medical Radiologic Technol./Tech.	6	34	6	7	15	504	13	97	488	585
51.0908	Respiratory Therapy Tech.	12	106	6	20	9	386	17	106	450	556
51.0909	Surgical/Operating Room Tech.	0	19	1	3	4	133	8	18	150	168
51.0910	Diagnostic Medical Sonography	6	11	2	5	5	177	2	11	197	208
51.0999	Health & Medical Diagnostic & Treatment Ser	0	5	0	1	0	9	0	1	14	15
51.1004	Medical Laboratory Tech.	1	10	1	1	1	28	0	5	37	42
51.1099	Health & Medical Laboratory Tech./Tech., Ot	1	4	0	0	0	7	0	2	10	12
51.1501	Alcohol/Drug Abuse Counseling	0	6	0	0	2	10	0	7	11	18
51.1502	Psychiatric/Mental Health Serv. Tech.	1	69	2	0	9	105	14	32	168	200
51.1599	Mental Health Serv., Oth.	13	121	6	6	9	353	5	68	445	513
51.1601	Nursing (R.N. Training)	44	1,334	62	105	140	5,627	165	715	6,762	7,477
51.1613	Practical Nurse (L.P.N. Training)	11	193	18	21	28	1,250	19	126	1,414	1,540
51.1614	Nurse Assistant/Aide	0	12	0	0	1	19	0	4	28	32
51.1699	Nursing, Oth.	0	2	1	1	2	35	1	7	35	42
51.2306	Occupational Therapy	0	0	1	0	0	14	1	0	16	16
51.2308	Physical Therapy	0	0	1	2	0	30	1	16	18	34

**TABLE 7: MICHIGAN COMMUNITY COLLEGES  
FALL 1998 ENROLLMENTS IN OCCUPATIONAL PROGRAMS BY CIP CODE**

CIP CODE	Program Name	Non-Resident						White	nkown	TOTAL		TOTAL STUDENTS
		Alien	Black	American Indian	Asian	Ispani				MEN	WOMEN	
51.2601	Health Aide							57	4	8	80	88
51.9999	Health Professions & Related Sciences, Oth.							240	3	45	211	256
52.0101	Business, Gen.	2	23	0	0	2		1,650	121	802	1,285	2,087
52.0201	Business Administration & Mgmt., Gen.	176	1,119	86	144	148		6,134	190	3,347	4,650	7,997
52.0204	Office Supervision & Mgmt.	0	6	0	1	2		37	0	2	44	46
52.0205	Op. Mgmt. & Supervision	1	14	0	1	3		109	5	78	55	133
52.0299	Business Administration & Mgmt., Oth.	0	0	10	0	1		77	0	30	58	88
52.0301	Accounting	33	99	13	42	20		1,225	41	302	1,171	1,473
52.0302	Accounting Tech.	8	330	27	48	41		2,212	62	574	2,154	2,728
52.0399	Accounting, Oth.	0	0	0	0	0		45	2	9	38	47
52.0401	Administrative Assistant/Secretarial Science,	2	106	10	11	16		733	35	38	875	913
52.0402	Executive Assistant/Secretary	0	69	7	7	15		507	12	17	600	617
52.0403	Legal Administrative Assistant/Secretary	0	33	7	2	7		215	8	5	267	272
52.0404	Medical Administrative Assistant/Secretary	1	63	3	4	12		518	18	6	613	619
52.0405	Court Reporter	0	21	1	0	1		60	0	1	82	83
52.0406	Receptionist	0	0	0	0	0		3	0	0	3	3
52.0407	Information Processing/Data Entry Tech.	233	262	14	219	32		1,277	19	804	1,252	2,056
52.0408	Gen. Office/Clerical & Typing Serv.	0	10	2	3	1		113	3	2	130	132
52.0499	Administrative & Secretarial Serv., Oth.	0	10	1	0	2		24	0	4	33	37
52.0701	Enterprise Mgmt. & Operation, Gen.	0	11	5	0	3		224	4	103	144	247
52.0801	Finance, Gen.	1	1	1	1	1		83	2	29	61	90
52.0803	Banking & Financial Support Serv.	1	1	0	0	2		77	2	20	63	83
52.0901	Hospitality/Administration Mgmt.	2	6	1	1	1		45	0	16	40	56
52.0902	Hotel/Motel & Restaurant Mgmt.	13	20	2	11	4		111	12	75	98	173
52.0903	Travel-Tourism Mgmt.	3	3	1	0	1		40	1	3	46	49
52.0999	Hospitality Serv. Mgmt., Oth.	0	0	0	0	0		17	0	3	14	17

**TABLE 7: MICHIGAN COMMUNITY COLLEGES  
FALL 1998 ENROLLMENTS IN OCCUPATIONAL PROGRAMS BY CIP CODE**

CIP CODE	Program Name	Non-Resident							TOTAL	
		Alien	Black	Indian	Asian	Hispani	White	nkown	MEN	WOMEN
52.1001	Human Resources Mgmt.	0	6	0	0	3	37	0	7	39
52.1002	Labor/Personnel Relations & Studies	1	1	0	0	0	4	0	1	5
52.1201	Mgmt. Information Systems & Business Data	10	115	11	34	16	677	34	477	420
52.1202	Business Computer Programming/Programmm	5	19	2	5	11	190	5	131	106
52.1204	Business Systems Networking & Telecommun	5	8	0	3	2	95	1	71	43
52.1205	Business Computer Facilities Operator	0	11	3	18	2	132	15	90	91
52.1299	Business Information & Data Processing Serv	0	0	1	0	0	38	0	19	20
52.1401	Business Mkt. & Mkt. Mgmt.	1	34	5	14	8	502	23	238	349
52.1501	Real Estate	0	10	0	0	1	42	5	25	33
52.9999	Business Mgmt. & Administrative Serv., Oth.	7	23	3	0	1	251	5	88	202
<b>TOTAL</b>		<b>930</b>	<b>8,914</b>	<b>711</b>	<b>1,701</b>	<b>1,652</b>	<b>60,656</b>	<b>3,320</b>	<b>34,629</b>	<b>43,255</b>
										<b>77,884</b>

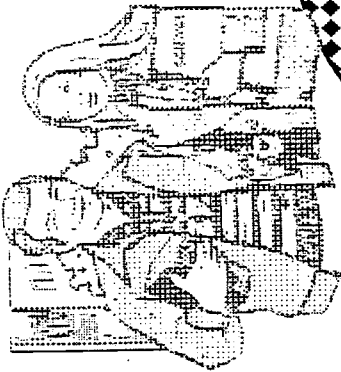
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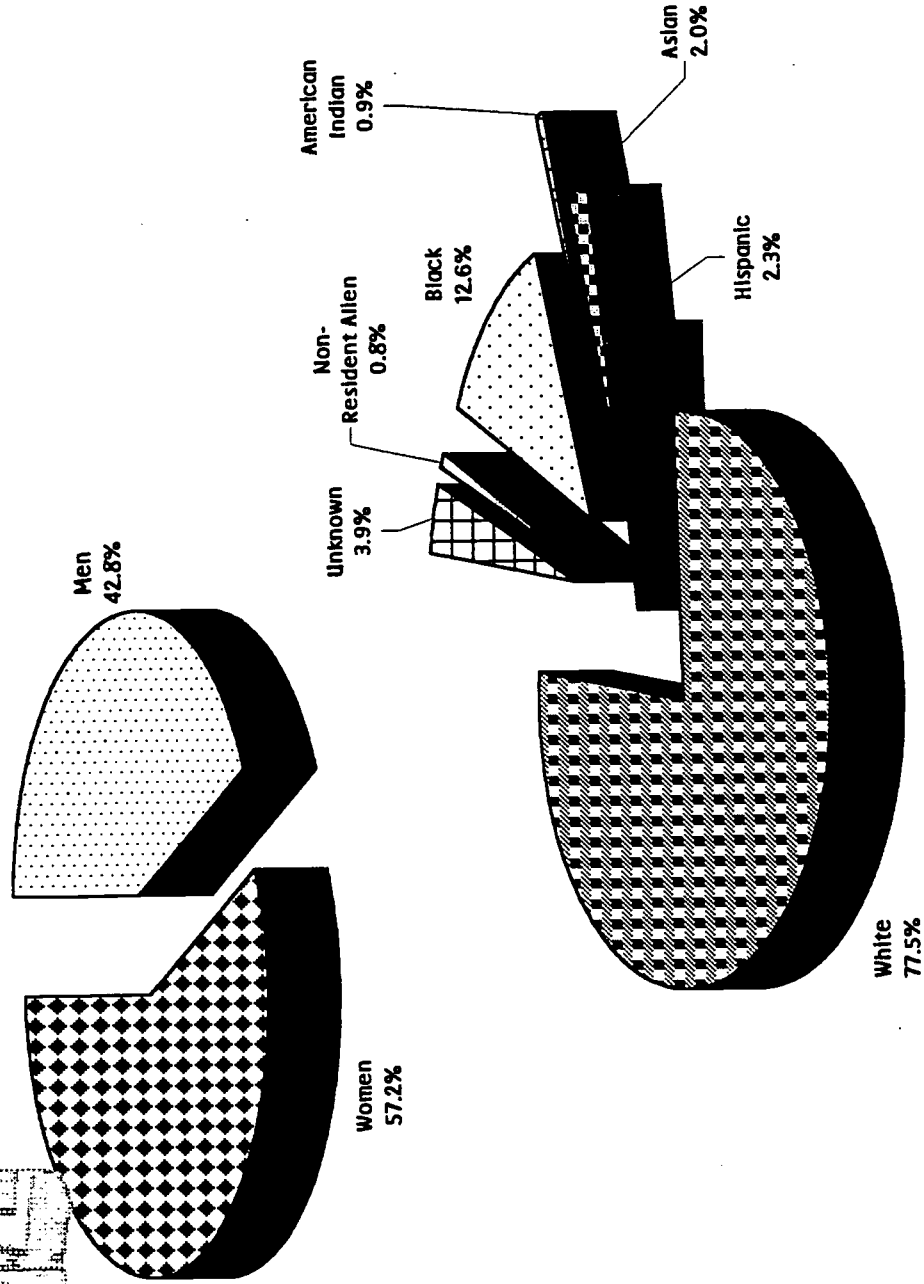
# *SECTION 2*

## *Program & Non-Program Enrollments, 1997-98*





## YEAR-END PROGRAM ENROLLMENTS, 1997-98



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# FILE 9: MICHIGAN COMMUNITY COLLEGES YEAR-END PROGRAM ENROLLMENTS, 1997-98

Community College	Non-Resident Alien	American										TOTAL			
		Black		Indian		Asian		Hispanic		White		STUDENTS		TOTAL STUDENTS	
		Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
Alpena	0	0	6	3	7	2	4	8	8	7	1,784	1,669	1,826	1,693	3,519
Bay de Noc	1	0	3	3	25	40	2	6	1	4	752	1,414	784	1,467	2,251
Mott	1	5	667	1,318	66	86	37	55	110	147	3,185	4,607	4,217	6,454	10,671
Delta	15	22	285	671	35	41	25	37	195	272	3,872	4,909	4,534	6,044	10,578
Glen Oaks	15	4	12	17	1	7	4	3	8	12	457	826	502	873	1,375
Gogebic	4	1	1	0	9	23	1	1	2	1	430	553	448	580	1,028
Grand Rapids	27	16	468	578	70	47	219	165	205	206	5,024	5,264	6,101	6,369	12,470
Henry Ford	24	25	1,094	1,783	44	91	160	175	252	314	5,265	5,742	8,967	9,411	18,378
Jackson	6	2	91	160	16	28	12	20	60	80	2,138	3,122	2,366	3,457	5,823
Kalamazoo	72	47	450	581	42	42	55	59	113	100	3,735	3,933	4,634	4,910	9,544
Kellogg	5	10	238	419	26	39	27	31	66	68	2,822	3,780	3,207	4,394	7,601
Kirtland	0	0	0	0	4	20	5	6	9	6	459	857	481	893	1,374
Lake Michigan	62	63	238	456	13	37	37	47	48	67	1,251	1,860	1,649	2,530	4,179
Lansing	66	111	305	455	45	37	94	99	137	181	2,815	3,461	3,476	4,366	7,842
Macomb	28	29	311	255	60	50	249	165	113	95	6,337	6,133	7,463	7,037	14,500
Mid Michigan	0	0	19	7	14	19	4	3	14	20	703	1,199	759	1,257	2,016
Monroe County	0	3	16	21	8	9	9	19	15	90	1,511	2,287	1,571	2,438	4,009
Montcalm	0	0	138	150	8	22	19	14	17	26	785	1,146	997	1,372	2,369
Muskegon	13	5	160	363	24	48	8	21	55	88	1,963	2,634	2,237	3,163	5,400
North Central	0	0	4	0	20	36	12	6	2	2	485	908	536	959	1,495
Northwestern	9	13	6	5	36	60	14	9	18	22	1629	2420	1753	2601	4354
Oakland	274	381	1,297	2,877	84	134	515	837	297	394	9,019	12,596	11,640	17,401	29,041
St. Clair County	25	17	34	54	14	14	12	16	40	35	2,042	3,280	2,189	3,425	5,614
Schoolcraft	2	5	202	441	33	43	151	202	87	116	4,624	6,209	5,247	7,165	12,412
Southwestern	49	33	65	127	11	22	10	10	19	34	815	1,426	984	1,669	2,653
Washtenaw	4	4	376	508	25	19	119	132	44	44	1,981	2,171	2,975	3,271	6,246
Wayne County	0	0	1,763	5,363	17	37	28	46	44	95	442	1,039	2,436	6,962	9,398
West Shore	0	0	3	12	3	8	3	3	16	20	586	849	616	897	1,513
TOTAL	702	796	8,252	16,627	760	1,061	1,835	2,195	1,995	2,546	66,911	86,294	84,595	113,058	197,653
1996-97	415	401	6,426	10,424	766	966	1,737	1,970	1,845	2,185	66,596	86,174	81,398	104,824	186,222

\*Unknown not shown.

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**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American			White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	Indian	Asian	Hispanic			MEN	WOMEN	
01.0101	Agricultural Business and Management, General	0	0	0	0	0	0	0	0	3	0	3	0	3
01.0199	Agricultural Business and Management, Other	0	0	0	0	0	0	0	0	10	0	6	4	10
01.0501	Agricultural Supplies Retailing and Wholesaling	0	0	0	0	0	0	0	0	2	0	1	1	2
01.0601	Horticulture Services Operations and Management,	0	0	2	3	1	2	3	1	45	0	16	35	51
01.0605	Landscaping Operations and Management	1	7	0	3	2	0	3	2	248	7	126	142	268
01.0607	Turf Management	0	0	0	0	0	0	0	0	14	0	13	1	14
01.9999	Agricultural Business and Production, Other	0	0	0	0	0	0	0	0	4	0	3	1	4
02.0101	Agriculture/Agricultural Sciences, General	0	0	0	0	0	0	0	0	7	0	3	4	7
02.0501	Soil Sciences	0	0	0	0	0	0	0	0	5	0	5	0	5
03.0101	Natural Resources Conservation, General	1	0	0	0	0	0	0	0	48	0	33	16	49
03.0102	Environmental Science/Studies	0	0	1	0	2	0	0	2	17	0	11	9	20
03.0203	Natural Resources Law Enforcement and Protective	0	2	0	0	0	0	0	0	6	1	3	6	9
03.0299	Natural Resources Management and Protective Ser	0	0	0	0	0	0	0	0	6	0	4	2	6
03.0301	Fishing and Fisheries Sciences and Management	0	0	0	0	0	0	0	0	2	0	0	2	2
03.0501	Forestry, General	0	0	0	0	0	0	0	0	68	2	46	24	70
04.0201	Architecture	7	34	5	10	8	5	10	8	250	2	225	91	316
05.0199	Area Studies, Other	0	0	0	0	0	0	0	0	2	0	0	2	2
05.0299	Ethnic and Cultural Studies, Other	0	0	0	0	0	0	0	0	2	1	0	3	3
05.9999	Area, Ethnic and Cultural Studies, Other	0	1	0	0	0	0	0	0	9	0	4	6	10
08.0102	Fashion Merchandising	0	12	1	3	6	1	3	6	95	1	8	110	118
08.0204	Business Services Marketing Operations	0	3	0	0	2	0	0	2	19	1	18	7	25
08.0704	General Buying Operations	0	0	0	0	0	0	0	0	2	0	0	2	2
08.0705	General Retailing Operations	5	21	3	4	4	3	4	4	121	0	65	93	158
08.0706	General Selling Skills and Sales Operations	2	27	1	2	7	1	2	7	112	6	77	80	157
08.0708	General Marketing Operations	3	27	5	4	8	5	4	8	272	3	136	186	322
08.0799	General Retailing and Wholesaling Operations and S	5	1	0	0	0	0	0	0	20	1	12	15	27
08.0810	Office Products Marketing Operations	0	1	0	0	1	0	0	1	6	0	5	3	8
08.1001	Insurance Marketing Operations	0	0	0	0	0	0	0	0	1	0	0	1	1
09.0101	Communications, General	0	0	1	0	0	1	0	0	20	0	7	14	21

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**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				TOTAL		
		Allen	Black	Indian	Asian	Hispanic	White	Unknown	Men	Women	STUDENTS		
09.0401	Journalism	2	16	2	1	7	156	5	75	114	189		
09.0402	Broadcast Journalism	0	0	0	0	0	1	0	1	0	1		
09.0403	Mass Communications	0	42	5	0	2	106	25	99	81	180		
09.0501	Public Relations and Organizational Communications	0	2	0	0	0	5	0	3	4	7		
09.0701	Radio and Television Broadcasting	0	0	0	0	0	1	0	1	0	1		
10.0103	Photographic Tech./Technician	3	12	4	9	8	239	13	117	171	288		
10.0104	Radio and Television Broadcasting Tech./Technician	3	44	7	2	13	199	7	176	99	275		
10.0199	Communications Technol./Technicians, Other	0	10	0	2	1	55	2	42	28	70		
11.0101	Computer and Information Sciences, General	11	59	7	27	6	352	2	310	154	464		
11.0201	Computer Programming	18	384	18	172	79	2,351	219	1,642	1,599	3,241		
11.0301	Data Processing Tech./Technician	19	57	3	20	12	472	5	269	319	588		
11.0401	Information Sciences and Systems	1	10	1	2	9	146	5	134	40	174		
11.0701	Computer Science	1	20	2	22	5	192	19	183	78	261		
11.9999	Computer and Information Sciences, Other	22	47	1	9	14	323	6	163	259	422		
12.0301	Funeral Services and Mortuary Science	0	24	5	8	7	253	6	80	223	303		
12.0401	Cosmetic Services, General	0	0	0	0	0	1	0	0	1	1		
12.0403	Cosmetologist	1	47	4	0	3	194	7	8	248	256		
12.0405	Massage	0	3	1	0	3	120	1	34	94	128		
12.0499	Cosmetic Services, Other	0	0	0	0	0	9	0	0	9	9		
12.0501	Baker/Pastry Chef	0	1	0	0	0	13	0	1	13	14		
12.0503	Culinary Arts/Chef Training	21	140	9	15	30	974	50	759	480	1,239		
12.0504	Food and Beverage/Restaurant Operations Manage	1	8	0	1	3	76	3	44	48	92		
12.0505	Kitchen Personnel/Cook and Assistant Training	0	2	0	0	0	10	2	7	7	14		
12.0506	Meatcutter	0	0	0	0	0	1	0	1	0	1		
12.9999	Personal and Miscellaneous Services, Other	0	0	0	0	1	19	0	2	18	20		
13.0101	Education, General	9	310	46	14	88	3,154	39	1,300	2,360	3,660		
13.1001	Special Education, General	0	310	2	1	13	184	17	53	474	527		
13.1006	Education of the Mentally Handicapped	0	0	0	0	0	7	0	2	5	7		

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**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	Indian	Asian	Hispanic	White			Men	Women	
13.1099	Special Education, Other	0	0	0	0	0	0	0	0	26	0	0	5	21	26
13.1202	Elementary Teacher Education	2	139	18	19	71	0	0	0	2,389	32	0	476	2,194	2,670
13.1204	Pre-Elementary/Early Childhood/Kindergarten Teac	0	7	2	3	6	0	0	0	280	0	0	34	264	298
13.1205	Secondary Teacher Education	3	132	5	4	18	0	0	0	692	15	0	389	480	869
13.1302	Art Teacher Education	0	2	0	1	2	0	0	0	42	1	0	23	25	48
13.1303	Business Teacher Education (Vocational)	0	1	1	0	1	0	0	0	15	0	0	9	9	18
13.1305	English Teacher Education	0	5	0	0	0	0	0	0	46	0	0	13	38	51
13.1306	Foreign Languages Teacher Education	0	0	0	0	3	0	0	0	12	0	0	3	12	15
13.1309	Technology Teacher Education/Industrial Arts Teac	0	0	0	0	0	0	0	0	11	0	0	10	1	11
13.1311	Mathematics Teacher Education	1	5	0	0	0	0	0	0	26	1	0	16	17	33
13.1312	Music Teacher Education	1	6	1	1	1	0	0	0	94	3	0	55	52	107
13.1314	Physical Education Teaching and Coaching	3	25	8	8	16	0	0	0	561	11	0	233	399	632
13.1316	Science Teacher Education, General	0	0	0	1	0	0	0	0	21	1	0	15	8	23
13.1319	Technical Teacher Education (Vocational)	0	0	0	0	0	0	0	0	2	1	0	3	0	3
13.1323	Chemistry Teacher Education	0	1	0	0	0	0	0	0	1	0	0	2	0	2
13.1324	Drama and Dance Teacher Education	0	0	0	0	0	0	0	0	2	0	0	0	2	2
13.1399	Teacher Education, Specific Academic and Vocation	0	1	0	0	1	0	0	0	2	0	0	0	4	4
13.1501	Teacher Assistant/Aide	0	1	0	1	0	0	0	0	46	0	0	2	46	48
14.0101	Engineering, General	59	344	27	120	75	0	0	0	2,500	67	0	2,622	570	3,192
14.0401	Architectural Engineering	0	15	3	25	7	0	0	0	433	10	0	412	81	493
14.0701	Chemical Engineering	0	3	1	4	1	0	0	0	14	1	0	17	7	24
14.1701	Industrial/Manufacturing Engineering	0	0	0	0	0	0	0	0	1	0	0	1	0	1
14.9999	Engineering, Other	0	0	0	0	1	0	0	0	0	0	0	0	1	1
15.0101	Architectural Engineering Tech./Technician	8	80	9	7	25	0	0	0	658	53	0	634	206	840
15.0201	Civil Engineering/Civil Tech./Technician	0	7	0	5	0	0	0	0	116	2	0	110	20	130
15.0301	Computer Engineering Tech./Technician	0	50	4	0	5	0	0	0	98	5	0	131	31	162
15.0303	Electrical, Electronic and Communications Engin. Te	17	355	21	54	121	0	0	0	2,126	105	0	2,466	333	2,799
15.0304	Laser and Optical Tech./Technician	0	0	0	0	1	0	0	0	17	0	0	18	0	18
15.0399	Electrical and Electronic Engin.-Related Technol./Te	1	5	4	0	1	0	0	0	197	7	0	193	22	215

**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident						White	Unknown	TOTAL	
		Allen	Black	Indian	Asian	Hispanic				MEN	WOMEN
15.0401	Biomedical Engineering-Related Tech./Technician	0	4	1	2	0	55	2	55	9	64
15.0402	Computer Main. Tech./Technician	3	25	2	11	4	155	1	170	31	201
15.0403	Electromechanical Tech./Technician	1	116	10	9	22	727	21	671	235	906
15.0404	Instrumentation Tech./Technician	0	2	0	0	0	26	2	27	3	30
15.0405	Robotics Tech./Technician	2	28	2	10	13	286	13	314	40	354
15.0499	Electromechanical Instrumentation and Main. Techn	0	9	1	4	0	54	2	62	8	70
15.0501	Heating, Air Conditioning and Refrigeration Tech./T	3	56	6	10	15	588	39	695	22	717
15.0503	Energy Management and Systems Tech./Technician	0	26	2	1	6	146	37	205	13	218
15.0506	Water Quality and Wastewater Treatment Tech./Tec	0	0	0	0	0	46	0	33	13	46
15.0507	Environmental and Pollution Control Tech./Technici	0	4	1	0	2	79	0	42	44	86
15.0599	Environmental Control Technol./Technicians, Other	0	0	0	0	0	2	0	0	2	2
15.0603	Industrial/Manufacturing Tech./Technician	3	73	7	13	9	767	54	836	90	926
15.0607	Plastics Tech./Technician	0	7	1	11	3	208	7	204	33	237
15.0611	Metallurgical Tech./Technician	0	3	1	1	1	81	2	76	13	89
15.0699	Industrial Production Technol./Technicians, Other	1	28	2	16	4	233	15	258	41	299
15.0701	Occupational Safety and Health Tech./Technician	0	0	0	0	0	5	0	5	0	5
15.0702	Quality Control Tech./Technician	0	25	5	8	12	406	30	289	197	486
15.0799	Quality Control and Safety Technol./Technicians, Ot	0	0	0	0	0	3	0	1	2	3
15.0803	Automotive Engineering Tech./Technician	3	37	4	10	18	370	26	439	29	468
15.0805	Mechanical Engineering/Mechanical Tech./Technici	1	20	2	4	10	313	16	321	45	366
15.0899	Mechanical Engineering-Related Technol./Technicia	1	5	2	2	5	260	8	251	32	283
15.1001	Construction/Building Tech./Technician	0	1	0	2	0	372	5	368	12	380
15.1101	Engineering-Related Tech./Technician, General	2	1	1	3	2	57	1	55	12	67
15.1102	Surveying	0	0	0	0	1	46	2	39	10	49
15.1103	Hydraulic Tech./Technician	0	3	0	1	0	29	19	50	2	52
15.9999	Engineering-Related Technol./Technicians, Other	2	14	1	3	4	169	0	164	29	193
16.0101	Foreign Languages and Literatures, General	5	0	0	2	7	63	1	20	58	78
19.0101	Home Economics, General	0	4	1	0	2	67	1	29	46	75
19.0705	Gerontological Services	0	10	0	0	1	61	4	6	70	76

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TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98

CIP CODE	Program Name	Non-Resident					Asian	Hispanic	White	Unknown	TOTAL MEN	TOTAL WOMEN	TOTAL STUDENTS
		Allen	Black	Indian	American								
19.0901	Clothing/Apparel and Textile Studies	0	1	0	0	0	0	0	0	0	0	1	1
20.0201	Child Care and Guidance Workers and Managers, Ge	11	367	7	0	13	42	1,495	32	36	52	1,915	1,967
20.0202	Child Care Provider/Assistant	7	218	5	0	11	26	950	36	0	26	1,227	1,253
20.0203	Child Care Services Manager	1	4	0	0	0	0	75	0	0	2	78	80
20.0299	Child Care and Guidance Workers and Managers, Ot	0	5	0	0	0	1	27	2	2	2	33	35
20.0301	Clothing, Apparel and Textile Workers and Managers,	0	1	0	0	0	0	2	1	1	1	3	4
20.0401	Institutional Food Workers and Administrators, Gene	0	33	3	3	3	4	141	23	23	100	107	207
20.0404	Dietician Assistant	0	16	0	0	0	1	30	3	3	7	43	50
20.0409	Institutional Food Services Administrator	0	12	0	0	0	2	67	5	5	33	53	86
20.0499	Institutional Food Workers and Administrators, Other	0	2	0	0	2	0	8	0	0	3	9	12
20.0501	Home Furnishings and Equipment Installers and Con	0	4	0	0	0	6	93	1	1	10	94	104
20.0599	Home Furnishings and Equipment Installers and Con	1	4	0	0	1	2	40	0	0	5	43	48
20.0604	Custodian/Caretaker	0	0	0	0	0	0	1	0	0	1	0	1
20.9999	Vocational Home Economics, Other	0	1	0	0	0	1	2	0	0	0	4	4
22.0102	Pre-Law Studies	1	25	2	2	2	18	239	4	4	133	158	291
22.0103	Paralegal/Legal Assistant	17	182	17	16	31	1,185	64	64	235	1,277	1,512	1,512
23.0101	English Language and Literature, General	2	13	3	6	16	203	3	3	95	151	246	246
23.0301	Comparative Literature	0	0	0	0	0	0	4	0	0	1	3	4
23.1001	Speech and Rhetorical Studies	2	22	1	1	2	50	2	2	37	43	80	80
24.0101	Liberal Arts and Sciences/Liberal Studies	387	7820	447	860	1,113	36,397	2,345	2,345	19,343	30,026	49,369	49,369
24.0102	General Studies	73	935	90	152	161	7,091	273	273	3,512	5,263	8,775	8,775
24.0103	Humanities/Humanistic Studies	0	3	6	7	5	324	2	2	115	232	347	347
24.0199	Liberal Art and Sciences, General Studies and Huma	43	160	8	45	26	895	21	21	479	719	1,198	1,198
25.0101	Library Science/Librarianship	0	0	0	0	0	3	0	0	0	0	3	3
25.0301	Library Assistant	0	3	0	1	2	76	0	0	5	77	82	82
26.0101	Biology, General	1	18	7	7	18	414	5	5	183	287	470	470

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**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American			White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Hispanic	Indian	Asian	Hispanic			Men	Women	
26.0616	Biotechnology Research	3	3	0	1	0	0	0	0	15	0	8	14	22
27.0101	Mathematics	0	5	0	7	2	0	0	0	123	11	100	48	148
30.0101	Biological and Physical Sciences	1	0	0	0	0	0	0	0	17	0	12	6	18
30.1101	Gerontology	0	1	0	0	0	0	0	0	3	0	2	2	4
31.0301	Parks, Recreation and Leisure Facilities Management	0	0	0	0	0	0	0	0	40	0	38	2	40
31.0501	Health and Physical Education, General	0	7	0	1	0	0	0	0	16	0	16	8	24
31.0504	Sport and Fitness Administration/Management	0	6	2	0	2	0	0	0	44	8	19	43	62
31.0599	Health and Physical Education/Fitness, Other	0	0	0	0	0	0	0	0	1	0	1	0	1
38.0101	Philosophy	0	0	0	2	0	0	0	0	5	0	4	3	7
38.0201	Religion/Religious Studies	1	0	0	0	0	0	0	0	2	0	2	1	3
38.9999	Philosophy and Religion	0	0	0	1	0	0	0	0	2	0	1	2	3
39.0501	Religious/Sacred Music	0	0	0	0	0	0	0	0	4	0	1	3	4
39.0604	Rabbinical and Talmudic Studies (M.H.L./Rav)	0	0	0	0	0	0	0	0	3	0	3	0	3
39.0699	Theological and Ministerial Studies, Other	0	0	0	0	0	0	0	0	2	0	2	0	2
40.0101	Physical Sciences, General	1	13	15	7	13	0	0	0	533	12	285	309	594
40.0501	Chemistry, General	1	2	0	0	6	0	0	0	128	0	90	47	137
40.0599	Chemistry, Other	0	1	0	0	1	0	0	0	31	1	19	15	34
40.0601	Geology	0	0	0	0	0	0	0	0	10	0	4	6	10
40.0699	Geological and Related Sciences, Other	0	0	0	0	1	0	0	0	1	0	1	1	2
40.0702	Oceanography	0	1	0	0	0	0	0	0	7	0	1	7	8
40.0703	Earth and Planetary Sciences	0	1	0	0	0	0	0	0	0	0	1	0	1
40.0801	Physics, General	1	0	0	0	0	0	0	0	24	0	22	3	25
41.0205	Nuclear/Nuclear Power Tech./Technician	0	0	0	0	0	0	0	0	10	0	10	0	10
41.0301	Chemical Tech./Technician	0	7	0	0	0	0	0	0	62	2	31	40	71
41.9999	Science Technol./Technicians, Other	0	7	0	1	1	0	1	1	19	1	16	13	29
42.0101	Psychology, General	10	108	13	11	43	0	0	0	925	13	265	858	1,123
42.1601	Social Psychology	0	0	0	0	0	0	0	0	23	1	7	17	24
43.0102	Corrections/Correctional Administration	0	467	14	10	72	0	0	0	1,238	30	883	948	1,831

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**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	Black	Indian	Asian	Men			Women		
43.0103	Criminal Justice/Law Enforcement Administration	11	404	19	10	55	1,004	68	969	602	1,571				
43.0104	Criminal Justice Studies	0	120	7	1	28	467	9	366	266	632				
43.0106	Forensic Tech./Technician	0	7	0	0	3	104	3	39	78	117				
43.0107	Law Enforcement/Police Science	9	441	58	41	140	3,927	153	3,399	1,370	4,769				
43.0109	Security and Loss Prevention Services	0	6	0	0	1	35	7	37	12	49				
43.0199	Criminal Justice and Corrections, Other	0	12	10	1	8	258	3	185	107	292				
43.0201	Fire Protection and Safety Tech./Technician	0	17	5	1	6	424	25	431	47	478				
43.0202	Fire Services Administration	1	4	0	0	0	39	0	41	3	44				
43.0203	Fire Science/Firefighting	0	14	5	2	5	374	20	388	32	420				
43.0299	Fire Protection, Other	0	0	0	0	0	17	0	15	2	17				
44.0201	Community Organization, Resources and Services	0	12	0	0	3	26	1	6	36	42				
44.0401	Public Administration	0	0	0	0	0	3	0	2	1	3				
44.0701	Social Work	1	104	3	5	39	530	11	114	579	693				
45.0101	Social Sciences, General	4	13	2	2	6	162	1	43	147	190				
45.0201	Anthropology	1	1	0	0	0	3	0	1	4	5				
45.0601	Economics, General	0	1	0	0	0	7	0	7	1	8				
45.0701	Geography	0	0	0	0	0	6	0	4	2	6				
45.0801	History, General	0	7	2	1	4	93	1	72	36	108				
45.1001	Political Science, General	1	5	1	0	2	44	1	38	16	54				
45.1101	Sociology	5	53	8	0	8	139	0	56	157	213				
46.0201	Carpenter	0	1	1	0	0	5	0	6	1	7				
46.0301	Electrical and Power Transmission Installer, General	0	0	1	0	0	65	1	66	1	67				
46.0302	Electrician	0	24	1	3	7	305	2	312	30	342				
46.0303	Lineworker	0	0	0	1	1	20	0	22	0	22				
46.0401	Building/Property Main. and Manager	0	3	0	1	0	8	0	9	3	12				
46.0408	Painter and Wall Coverer	0	0	0	0	0	2	0	2	0	2				
46.0499	Construction and Building Finishers and Managers,	0	10	2	0	3	112	7	116	18	134				
46.0501	Plumber and Pipefitter	0	12	3	0	2	166	90	254	19	273				



**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				TOTAL		TOTAL STUDENTS
		Resident Allen	Black	Indian	Asian	Hispanic	White	Unknown	MEN	WOMEN			
46.9999	Construction Trades, Other	0	6	1	0	4	206	1	205	13	218		
47.0101	Electrical and Electronics Equipment Installer and R	0	19	4	1	6	187	25	218	24	242		
47.0102	Business Machine Repairer	0	1	2	0	0	34	1	34	4	38		
47.0103	Communication Systems Installer and Repairer	0	18	0	2	0	15	6	25	16	41		
47.0104	Computer Installer and Repairer	0	1	0	0	0	0	1	2	0	2		
47.0105	Industrial Electronics Installer and Repairer	0	41	2	4	20	235	233	477	58	535		
47.0199	Electrical and Electronics Equipment Installer and R	0	1	0	3	1	13	0	17	1	18		
47.0201	Heating, Air Conditioning and Refrigeration Mechani	0	33	5	7	6	287	12	335	15	350		
47.0303	Industrial Machinery Main. and Repairer	0	22	5	2	6	260	79	344	30	374		
47.0399	Industrial Equipment Main. and Repairers, Other	0	12	0	0	1	42	67	119	3	122		
47.0401	Instrument Calibration and Repairer	0	0	0	1	0	12	1	11	3	14		
47.0402	Gunsmith	0	0	0	0	0	3	0	3	0	3		
47.0499	Miscellaneous Mechanics and Repairers, Other	0	1	0	0	0	6	1	6	2	8		
47.0501	Stationary Energy Sources Installer and Operator	4	31	4	7	1	140	38	207	18	225		
47.0603	Auto/Automotive Body Repairer	1	22	2	2	4	109	6	136	10	146		
47.0604	Auto/Automotive Mechanic/Technician	4	141	15	30	26	1,062	78	1,276	80	1,356		
47.0605	Diesel Engine Mechanic and Repairer	0	2	1	0	1	18	14	34	2	36		
47.0606	Small Engine Mechanic and Repairer	0	0	1	0	0	0	0	0	1	1		
47.0607	Aircraft Mechanic/Technician, Airframe	4	6	1	0	1	93	4	102	7	109		
47.0609	Aviation Systems and Avionics Main. Technologist/Te	4	2	0	2	1	30	0	34	5	39		
47.0699	Vehicle and Mobile Equipment Mechanics and Repai	0	6	1	0	1	34	4	37	9	46		
47.9999	Mechanics and Repairers, Other	1	1	3	1	3	224	4	230	7	237		
48.0101	Drafting, General	8	93	24	43	31	1,650	24	1,524	349	1,873		
48.0102	Architectural Drafting	0	15	4	6	10	289	8	253	79	332		
48.0104	Electrical/Electronics Drafting	0	4	1	6	2	51	1	46	19	65		
48.0105	Mechanical Drafting	30	202	17	195	77	2,603	111	2,500	735	3,235		
48.0199	Drafting, Other	0	2	0	0	0	15	1	13	5	18		
48.0201	Graphic and Printing Equipment Operator, General	2	7	0	3	6	158	1	86	91	177		



**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American			White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Hispanic	Indian	Asian	Hispanic			Men	Women	
48.0205	Mechanical Typesetter and Composer	0	0	0	0	0	0	0	0	2	0	1	1	2
48.0206	Lithographer and Platemaker	0	4	2	0	6	0	0	0	67	0	34	45	79
48.0299	Graphic and Printing Equipment Operators, Other	0	0	0	0	0	0	0	0	8	0	5	3	8
48.0501	Machinist/Machine Technologist	0	38	11	15	15	0	0	0	579	53	654	57	711
48.0503	Machine Shop Assistant	2	47	8	24	21	0	0	0	804	204	1,047	63	1,110
48.0506	Sheet Metal Worker	0	4	1	0	1	0	0	0	39	15	56	4	60
48.0507	Tool and Die Maker/Technologist	0	62	10	20	17	0	0	0	858	233	1,092	108	1,200
48.0508	Welder/Welding Technologist	2	31	16	8	22	0	0	0	766	86	862	69	931
48.0599	Precision Metal Workers, Other	0	7	0	3	6	0	0	0	127	5	143	5	148
48.0799	Woodworkers, Other	0	0	0	0	0	0	0	0	5	11	16	0	16
48.9999	Precision Production Trades, Other	0	52	5	4	24	0	0	0	838	35	898	60	958
49.0102	Aircraft Pilot and Navigator (Professional)	2	12	1	6	3	0	0	0	243	14	240	41	281
49.0104	Aviation Management	0	2	0	1	1	0	0	0	13	0	12	5	17
49.0107	Aircraft Pilot (Private)	0	0	0	0	1	0	0	0	12	0	10	3	13
49.0205	Truck, Bus and Other Commercial Vehicle Operator	0	1	0	0	0	0	0	0	22	0	21	2	23
49.0299	Vehicle and Equipment Operators, Other	0	0	0	0	0	0	0	0	2	0	1	1	2
49.0309	Marine Science/Merchant Marine Officer	0	1	0	0	0	0	0	0	72	0	70	3	73
49.0399	Water Transportation Workers, Other	0	0	0	0	0	0	0	0	25	1	24	2	26
49.9999	Transportation and Materials Moving Workers, Other	0	2	0	0	0	0	0	0	27	2	13	18	31
50.0101	Visual and Performing Arts	0	4	2	1	3	0	0	0	106	3	49	70	119
50.0301	Dance	0	2	1	0	1	0	0	0	20	0	3	21	24
50.0402	Graphic Design, Commercial Art and Illustration	16	119	19	50	46	0	0	0	1,519	44	777	1,036	1,813
50.0404	Industrial Design	0	7	1	0	0	0	0	0	76	4	49	39	88
50.0408	Interior Design	1	37	0	3	5	0	0	0	122	15	15	168	183
50.0499	Design and Applied Arts, Other	0	0	0	0	0	0	0	0	1	0	0	1	1
50.0501	Drama/Theater Arts, General	1	24	5	2	5	0	0	0	205	11	124	129	253
50.0602	Film-Video Making/Cinematography and Production	0	0	0	0	0	0	0	0	1	0	1	0	1
50.0605	Photography	8	23	3	8	9	0	0	0	329	6	148	238	386

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**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	Hispanic	Indian	Asian	Men			Women		
50.0701	Art, General	15	93	7	26	33	839	39	399	653	1,052				
50.0702	Fine/Studio Arts	0	1	0	0	0	31	0	10	22	32				
50.0703	Art History, Criticism and Conservation	0	0	0	0	0	4	0	2	2	4				
50.0711	Ceramics Arts and Ceramics	2	3	1	12	5	157	6	50	136	186				
50.0799	Fine Arts and Art Studies, Other	0	1	0	0	2	31	1	12	23	35				
50.0901	Music, General	2	18	2	3	2	131	0	76	82	158				
50.0903	Music - General Performance	2	3	0	1	5	36	0	28	19	47				
50.0904	Music Theory and Composition	0	21	0	0	2	50	36	56	53	109				
50.0907	Music - Piano and Organ Performance	0	0	0	0	0	3	0	0	3	3				
50.0908	Music - Voice and Choral/Opera Performance	0	1	0	0	0	10	0	4	7	11				
50.0909	Music Business Management and Merchandising	0	1	0	1	1	15	0	13	5	18				
50.9999	Visual and Performing Arts, Other	0	7	1	1	2	42	2	26	29	55				
51.0101	Chiropractic (D.C., D.C.M.)	0	0	0	0	0	9	0	7	2	9				
51.0205	Sign Language Interpreter	1	19	4	1	5	240	6	33	243	276				
51.0301	Community Health Liaison	0	101	4	1	4	99	10	53	166	219				
51.0601	Dental Assistant	1	43	5	5	8	270	7	15	324	339				
51.0602	Dental Hygienist	5	120	16	16	33	1,198	37	49	1,376	1,425				
51.0603	Dental Laboratory Technician	0	1	0	0	0	1	0	2	0	2				
51.0699	Dental Services, Other	0	6	0	0	0	18	0	2	22	24				
51.0701	Health System/Health Services Administration	3	64	0	5	2	69	0	20	123	143				
51.0703	Health Unit Coordinator/Ward Clerk	0	0	0	0	0	10	0	0	10	10				
51.0705	Medical Office Management	0	1	0	2	0	37	0	2	38	40				
51.0706	Medical Records Administration	0	3	0	0	1	39	0	1	42	43				
51.0707	Medical Records Tech./Technician	0	21	0	0	4	152	15	8	184	192				
51.0708	Medical Transcription	0	24	2	2	3	168	2	2	199	201				
51.0801	Medical Assistant	7	43	8	25	14	683	20	31	769	800				
51.0803	Occupational Therapy Assistant	0	168	5	13	6	370	18	55	525	580				
51.0805	Pharmacy Technician/Assistant	2	11	3	1	0	51	6	8	66	74				
51.0806	Physical Therapy Assistant	6	145	3	34	26	857	26	235	862	1,097				

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**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	Indian	Asian	Hispanic	Men			Women		
51.0808	Veterinarian Assistant/Animal Health Technician	0	34	0	2	3				207	12	12	246	258	
51.0899	Health and Medical Assistants, Other	0	0	0	0	0				1	0	1	0	1	
51.0901	Cardiovascular Tech./Technician	0	0	0	0	0				7	0	0	7	7	
51.0904	Emergency Medical Tech./Technician	1	141	5	11	20				728	35	519	422	941	
51.0905	Nuclear Medical Tech./Technician	0	3	2	2	1				14	0	9	13	22	
51.0907	Medical Radiologic Tech./Technician	5	81	8	9	20				776	21	154	766	920	
51.0908	Respiratory Therapy Technician	6	141	11	31	11				610	32	178	664	842	
51.0909	Surgical/Operating Room Technician	0	31	1	3	9				191	9	33	211	244	
51.0910	Diagnostic Medical Sonography	1	22	2	11	11				276	5	15	313	328	
51.0999	Health and Medical Diagnostic and Treatment Serv	1	4	0	2	0				13	0	1	19	20	
51.1004	Medical Laboratory Technician	1	16	0	1	1				38	3	10	50	60	
51.1005	Medical Technology	0	6	0	0	1				44	0	14	37	51	
51.1099	Health and Medical Laboratory Technol./Technician	0	7	2	1	0				21	1	8	24	32	
51.1101	Pre-Dentistry Studies	1	1	2	2	1				73	1	31	50	81	
51.1102	Pre-Medicine Studies	2	23	1	13	14				234	6	119	174	293	
51.1103	Pre-Pharmacy Studies	5	10	0	14	4				161	3	72	125	197	
51.1104	Pre-Veterinary Studies	2	16	4	2	5				318	0	55	292	347	
51.1199	Health and Medical Preparatory Programs, Other	7	28	1	7	6				137	0	59	127	186	
51.1201	Medicine (M.D.)	1	13	3	2	6				78	2	40	65	105	
51.1501	Alcohol/Drug Abuse Counseling	0	6	0	0	2				11	0	9	10	19	
51.1502	Psychiatric/Mental Health Services Technician	0	181	7	10	13				228	17	77	379	456	
51.1599	Mental Health Services, Other	12	209	7	8	21				579	7	122	721	843	
51.1601	Nursing (R.N. Training)	42	2178	98	180	210				8,287	238	1,113	10,120	11,233	
51.1605	Nursing, Family Practice (Post-R.N.)	1	19	2	4	9				186	2	24	199	223	
51.1613	Practical Nurse (L.P.N. Training)	11	275	30	33	45				1,778	24	212	1,984	2,196	
51.1614	Nurse Assistant/Aide	0	18	1	0	2				52	3	9	67	76	
51.1699	Nursing, Other	1	22	2	6	0				157	1	17	172	189	
51.1701	Optometry (O.D.)	0	3	0	1	2				14	1	13	8	21	
51.1802	Optical Technician/Assistant	0	0	0	0	0				4	0	1	3	4	

**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	Indian	Asian	Hispanic	White			MEN	WOMEN	
51.1901	Osteopathic Medicine (D.O.)	0	0	0	0	0	0	0	0	2	0	0	0	2	2
51.2099	Pharmacy, Other	11	21	0	0	0	0	0	0	32	0	0	15	60	75
51.2201	Public Health, General	0	0	0	0	0	0	0	0	1	0	0	0	1	1
51.2299	Public Health, Other	0	0	0	0	0	0	0	0	28	0	0	0	28	28
51.2304	Movement Therapy	1	8	2	3	3	2	3	3	106	0	0	34	89	123
51.2306	Occupational Therapy	0	10	0	4	6	0	4	6	136	1	1	15	142	157
51.2308	Physical Therapy	1	26	5	9	18	5	9	18	339	2	2	134	266	400
51.2601	Health Aide	3	33	0	1	1	0	1	1	53	3	3	15	79	94
51.9999	Health Professions and Related Sciences, Other	1	8	4	0	1	4	0	1	323	9	9	47	299	346
52.0101	Business, General	25	325	17	52	98	17	52	98	2,597	148	148	1,433	1,829	3,262
52.0201	Business Administration and Management, General	157	1694	129	257	297	129	257	297	10,857	579	579	5,955	8,015	13,970
52.0204	Office Supervision and Management	0	16	0	7	9	0	7	9	188	1	1	36	185	221
52.0205	Operations Management and Supervision	0	16	1	2	1	1	2	1	140	8	8	98	70	168
52.0299	Business Administration and Management, Other	0	0	3	0	0	3	0	0	72	0	0	18	57	75
52.0301	Accounting	33	215	31	96	44	31	96	44	2,609	63	63	921	2,170	3,091
52.0302	Accounting Technician	22	539	30	70	83	30	70	83	3,073	91	91	834	3,074	3,908
52.0399	Accounting, Other	0	8	3	2	4	3	2	4	95	0	0	27	85	112
52.0401	Administrative Assistant/Secretarial Science, General	4	130	10	10	32	10	10	32	1,008	57	57	58	1,193	1,251
52.0402	Executive Assistant/Secretary	2	97	17	5	20	17	5	20	670	11	11	24	798	822
52.0403	Legal Administrative Assistant/Secretary	0	55	1	5	8	1	5	8	318	15	15	10	392	402
52.0404	Medical Administrative Assistant/Secretary	1	100	9	7	19	9	7	19	699	20	20	8	847	855
52.0405	Court Reporter	11	20	1	2	3	1	2	3	95	0	0	5	127	132
52.0406	Receptionist	0	0	0	0	0	0	0	0	8	0	0	0	8	8
52.0407	Information Processing/Data Entry Technician	78	367	18	436	42	18	436	42	1,850	30	30	1,132	1,689	2,821
52.0408	General Office/Clerical and Typing Services	0	30	4	1	5	4	1	5	169	5	5	8	206	214
52.0499	Administrative and Secretarial Services, Other	0	16	1	3	2	1	3	2	54	1	1	5	72	77
52.0701	Enterprise Management and Operation, General	0	31	2	1	5	2	1	5	282	4	4	137	188	325
52.0801	Finance, General	0	5	2	2	1	2	2	1	128	2	2	40	100	140
52.0803	Banking and Financial Support Services	2	6	3	4	4	3	4	4	156	8	8	32	151	183
52.0901	Hospitality/Administration Management	2	11	3	2	2	3	2	2	53	1	1	25	49	74

**TABLE 10: MICHIGAN COMMUNITY COLLEGES  
YEAR-END PROGRAM ENROLLMENTS BY CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American Indian	Asian	Hispanic	White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Men	Women								
52.0902	Hotel/Motel and Restaurant Management	9	29	2	15	9	176	6	103	143	246			
52.0903	Travel-Tourism Management	8	6	2	3	3	86	2	9	101	110			
52.0999	Hospitality Services Management, Other	0	2	0	0	0	23	0	5	20	25			
52.1001	Human Resources Management	1	3	0	0	3	22	0	8	21	29			
52.1002	Labor/Personnel Relations and Studies	1	0	0	0	0	20	0	7	14	21			
52.1101	International Business	7	11	0	4	4	51	0	23	54	77			
52.1201	Management Information Systems and Business Dat	5	178	9	39	28	807	41	566	541	1,107			
52.1202	Business Computer Programming/Programmer	5	18	2	13	8	257	1	158	146	304			
52.1203	Business Systems Analysis and Design	0	17	0	4	2	55	8	36	50	86			
52.1204	Business Systems Networking and Telecommunicatio	3	2	0	0	1	79	1	53	33	86			
52.1205	Business Computer Facilities Operator	1	32	5	27	3	237	18	137	186	323			
52.1299	Business Information and Data Processing Services,	0	0	2	0	0	10	0	1	11	12			
52.1301	Management Science	0	1	0	0	1	9	1	10	2	12			
52.1401	Business Marketing and Marketing Management	2	51	6	17	8	608	27	292	427	719			
52.1501	Real Estate	0	15	1	0	4	64	5	42	47	89			
52.9999	Business Management and Administrative Services,	11	34	8	5	9	477	8	177	375	552			
TOTAL		1,498	24,879	1,821	4,030	4,541	153,205	7,679	84,595	113,058	197,653			

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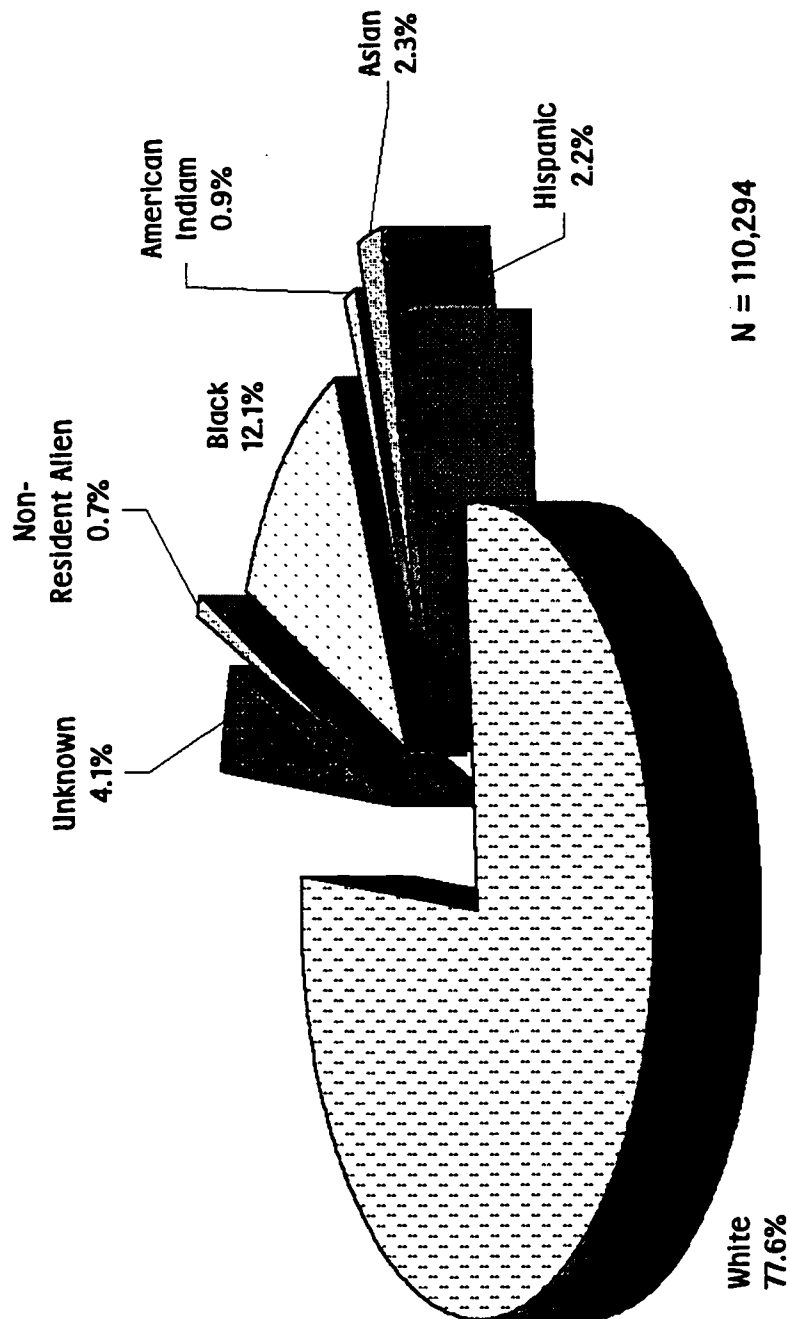
**TABLE 11: MICHIGAN COMMUNITY COLLEGES  
TWENTY PROGRAMS WITH GREATEST YEAR-END ENROLLMENTS, 1997-98**

CIP CODE	Program Name	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	Black	Indian	Asian	Hispanic			MEN	WOMEN	
24.0101	Liberal Arts and Sciences/Liberal Studies	387	7,820	447	860	1,113	36,397	2,345					19,343	30,026	49,369
52.0201	Business Administration and Management, General	157	1,694	129	257	297	10,857	579					5,955	8,015	13,970
51.1601	Nursing (R.N. Training)	42	2,178	98	180	210	8,287	238					1,113	10,120	11,233
24.0102	General Studies	73	935	90	152	161	7,091	273					3,512	5,263	8,775
43.0107	Law Enforcement/Police Science	9	441	58	41	140	3,927	153					3,399	1,370	4,769
52.0302	Accounting Technician	22	539	30	70	83	3,073	91					834	3,074	3,908
13.0101	Education, General	9	310	46	14	88	3,154	39					1,300	2,360	3,660
52.0101	Business, General	25	325	17	52	98	2,597	148					1,433	1,829	3,262
11.0201	Computer Programming	18	384	18	172	79	2,351	219					1,642	1,599	3,241
48.0105	Mechanical Drafting	30	202	17	195	77	2,603	111					2,500	735	3,235
14.0101	Engineering, General	59	344	27	120	75	2,500	67					2,622	570	3,192
52.0301	Accounting	33	215	31	96	44	2,609	63					921	2,170	3,091
52.0407	Information Processing/Data Entry Technician	78	367	18	436	42	1,850	30					1,132	1,689	2,821
15.0303	Electrical, Electronic and Communications Engin. Te	17	355	21	54	121	2,126	105					2,466	333	2,799
13.1202	Elementary Teacher Education	2	139	18	19	71	2,389	32					476	2,194	2,670
51.1613	Practical Nurse (L.P.N. Training)	11	275	30	33	45	1,778	24					212	1,984	2,196
20.0201	Child Care and Guidance Workers and Managers, Ge	11	367	7	13	42	1,495	32					52	1,915	1,967
48.0101	Drafting, General	8	93	24	43	31	1,650	24					1,524	349	1,873
43.0102	Corrections/Correctional Administration	0	467	14	10	72	1,238	30					883	948	1,831
50.0402	Graphic Design, Commercial Art and Illustration	16	119	19	50	46	1,519	44					777	1,036	1,813
<b>TOTAL</b>		<b>1,007</b>	<b>17,569</b>	<b>1,159</b>	<b>2,867</b>	<b>2,935</b>	<b>99,491</b>	<b>4,647</b>					<b>52,096</b>	<b>77,579</b>	<b>129,675</b>

*The twenty programs with highest enrollments accounted for 65.6% of total program enrollments for 1997-98.*

*Students were enrolled in 357 programs.*

# YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY ETHNICITY



# BLE 12: MICHIGAN COMMUNITY COLLEGES YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS, 1997-98

Community College	Non-Resident Alien		Black		American Indian		Asian		Hispanic		White		TOTAL STUDENTS		TOTAL STUDENTS
	Men Women		Men Women		Men Women		Men Women		Men Women		Men Women		Men	Women	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women			
Alpena	0	0	5	1	6	2	2	5	3	3	1,150	826	1,178	837	2,015
Bay de Noc	1	0	1	1	15	24	1	5	0	2	356	816	374	848	1,222
Mott	0	4	340	868	39	50	18	34	53	83	1,804	2,769	2,331	3,958	6,289
Delta	7	9	148	382	24	23	13	21	115	153	2,363	2,827	2,731	3,461	6,192
Glen Oaks	4	2	5	9	0	4	2	0	4	4	226	368	244	390	634
Gogebic	3	1	1	0	6	9	1	0	2	0	285	294	298	305	603
Grand Rapids	6	2	131	237	28	14	67	50	89	74	1,821	1,696	2,178	2,108	4,286
Henry Ford	11	11	629	733	23	35	91	71	131	117	3,193	2,341	5,521	3,776	9,297
Jackson	0	0	36	79	12	10	6	10	25	28	1,125	1,475	1,228	1,626	2,854
Kalamazoo Valley	14	13	179	236	19	22	18	24	48	31	1,758	1,544	2,112	1,938	4,050
Kellogg	2	2	181	207	23	27	16	21	44	36	2,026	2,285	2,306	2,597	4,903
Kirtland	0	0	0	0	3	13	0	3	3	3	292	582	301	604	905
Lake Michigan	43	45	141	277	7	22	14	22	23	31	703	1,012	931	1,409	2,340
Lansing	48	64	210	348	32	32	77	84	118	143	2,160	2,667	2,655	3,352	6,007
Macomb	21	20	286	224	51	44	241	152	102	82	5,607	5,126	6,640	5,924	12,564
Mid Michigan	0	0	5	2	6	8	1	1	5	8	374	667	396	693	1,089
Monroe County	0	2	7	12	4	2	4	8	10	67	595	780	625	871	1,496
Montcalm	0	0	127	78	8	9	15	7	15	12	635	688	821	802	1,623
Muskegon	3	0	28	130	4	20	2	9	13	29	526	1,018	580	1,207	1,787
North Central	0	0	1	0	4	14	6	1	0	2	109	271	122	289	411
Northwestern	2	3	3	3	16	27	6	4	7	3	719	1,016	769	1,083	1,852
Oakland	173	219	933	2,012	57	89	406	645	210	236	6,330	8,195	8,220	11,511	19,731
St. Clair County	6	6	18	28	5	5	4	6	14	16	706	1,294	759	1,357	2,116
Schoolcraft	1	0	102	305	15	20	39	85	42	46	1,919	2,649	2,165	3,146	5,311
Southwestern	28	16	27	62	3	9	5	3	8	13	431	568	509	676	1,185
Washtenaw	3	3	300	355	17	12	75	87	31	34	1,490	1,616	2,251	2,421	4,672
Wayne County	0	0	610	2,336	5	19	15	23	17	45	268	720	997	3,317	4,314
West Shore	0	0	2	3	2	3	1	3	6	11	211	301	223	323	546
TOTAL	376	422	4,456	8,928	434	568	1,146	1,384	1,138	1,312	39,182	46,411	49,465	60,829	110,294
1996-97	163	212	3,652	6,008	449	497	984	1,188	1,053	1,126	38,412	46,921	47,053	57,305	104,418

Unknown not shown.



**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident							TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	White	Unknown	MEN	WOMEN	
01.0101	Agricultural Business and Management, General	0	0	0	0	0	3	0	3	0	3
01.0501	Agricultural Supplies Retailing and Wholesaling	0	0	0	0	0	2	0	1	1	2
01.0601	Horticulture Services Operations and Management	0	0	2	3	1	45	0	16	35	51
01.0605	Landscaping Operations and Management	1	7	0	3	2	248	7	126	142	268
01.0607	Turf Management	0	0	0	0	0	14	0	13	1	14
01.9999	Agricultural Business and Production, Other	0	0	0	0	0	4	0	3	1	4
02.0101	Agriculture/Agricultural Sciences, General	0	0	0	0	0	1	0	1	0	1
03.0203	Natural Resources Law Enforcement and Protective	0	2	0	0	0	6	1	3	6	9
03.0299	Natural Resources Management and Protective Ser	0	0	0	0	0	6	0	4	2	6
04.0201	Architecture	7	25	4	8	3	175	1	156	67	223
08.0102	Fashion Merchandising	0	12	1	3	6	95	1	8	110	118
08.0204	Business Services Marketing Operations	0	3	0	0	2	19	1	18	7	25
08.0704	General Buying Operations	0	0	0	0	0	2	0	0	2	2
08.0705	General Retailing Operations	5	21	3	4	4	121	0	65	93	158
08.0706	General Selling Skills and Sales Operations	2	27	1	2	7	112	6	77	80	157
08.0708	General Marketing Operations	3	27	5	4	8	272	3	136	186	322
08.0799	General Retailing and Wholesaling Operations and S	5	1	0	0	0	20	1	12	15	27
08.0810	Office Products Marketing Operations	0	1	0	0	1	6	0	5	3	8
08.1001	Insurance Marketing Operations	0	0	0	0	0	1	0	0	1	1
09.0401	Journalism	0	3	0	0	0	31	0	13	21	34
09.0402	Broadcast Journalism	0	0	0	0	0	1	0	1	0	1

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**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	Black	Indian	Asian	Hispanic			Men	Women	
10.0103	Photographic Tech./Technician	3	12	4	9	8					239	13	117	171	288
10.0104	Radio and Television Broadcasting Tech./Technician	3	35	7	1	13					180	7	164	82	246
10.0199	Communications Technol./Technicians, Other	0	10	0	2	1					55	2	42	28	70
11.0201	Computer Programming	18	384	18	172	79					2,351	219	1642	1599	3241
11.0301	Data Processing Tech./Technician	19	57	3	20	12					472	5	269	319	588
11.9999	Computer and Information Sciences, Other	22	47	1	9	14					323	6	163	259	422
12.0301	Funeral Services and Mortuary Science	0	16	5	8	5					219	6	56	203	259
12.0401	Cosmetic Services, General	0	0	0	0	0					1	0	0	1	1
12.0403	Cosmetologist	1	47	4	0	3					194	7	8	248	256
12.0405	Massage	0	3	1	0	3					120	1	34	94	128
12.0499	Cosmetic Services, Other	0	0	0	0	0					9	0	0	9	9
12.0501	Baker/Pastry Chef	0	1	0	0	0					13	0	1	13	14
12.0503	Culinary Arts/Chef Training	21	140	9	15	30					974	50	759	480	1239
12.0504	Food and Beverage/Restaurant Operations Manage	1	8	0	1	3					76	3	44	48	92
12.0505	Kitchen Personnel/Cook and Assistant Training	0	2	0	0	0					10	2	7	7	14
12.0506	Meatcutter	0	0	0	0	0					1	0	1	0	1
12.9999	Personal and Miscellaneous Services, Other	0	0	0	0	1					19	0	2	18	20
13.1324	Drama and Dance Teacher Education	0	0	0	0	0					2	0	0	2	2
13.1501	Teacher Assistant/Aide	0	1	0	1	0					46	0	2	46	48

**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident					White	Unknown	TOTAL		
		Alien	Black	Indian	Asian	Hispanic			MEN	WOMEN	STUDENTS
14.0101	Engineering, General	30	172	7	55	35	747	21	854	213	1067
15.0101	Architectural Engineering Tech./Technician	8	78	7	7	23	607	52	590	192	782
15.0201	Civil Engineering/Civil Tech./Technician	0	7	0	5	0	116	2	110	20	130
15.0301	Computer Engineering Tech./Technician	0	50	4	0	5	98	5	131	31	162
15.0303	Electrical, Electronic and Communications Engin. Te	17	355	21	54	121	2,126	105	2466	333	2799
15.0304	Laser and Optical Tech./Technician	0	0	0	0	1	17	0	18	0	18
15.0399	Electrical and Electronic Engin.-Related Technol./Te	1	5	4	0	1	197	7	193	22	215
15.0401	Biomedical Engineering-Related Tech./Technician	0	4	1	2	0	55	2	55	9	64
15.0402	Computer Main. Tech./Technician	3	25	2	11	4	155	1	170	31	201
15.0403	Electromechanical Tech./Technician	1	116	10	9	22	727	21	671	235	906
15.0404	Instrumentation Tech./Technician	0	2	0	0	0	26	2	27	3	30
15.0405	Robotics Tech./Technician	2	28	2	10	13	283	13	312	39	351
15.0499	Electromechanical Instrumentation and Main. Techn	0	9	1	4	0	54	2	62	8	70
15.0501	Heating, Air Conditioning and Refrigeration Tech./T	3	56	6	10	15	588	39	695	22	717
15.0503	Energy Management and Systems Tech./Technician	0	26	2	1	6	146	37	205	13	218
15.0506	Water Quality and Wastewater Treatment Tech./Tec	0	0	0	0	0	46	0	33	13	46
15.0507	Environmental and Pollution Control Tech./Technici	0	4	1	0	2	60	0	30	37	67

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**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Hispanic	Indian	Asian	Hispanic	White			MEN	WOMEN	
15.0599	Environmental Control Technol./Technicians, Other	0	0	0	0	0	0	0	0	2	0	0	0	2	2
15.0603	Industrial/Manufacturing Tech./Technician	3	73	7	13	9	7	13	9	767	54	0	836	90	926
15.0607	Plastics Tech./Technician	0	7	1	7	3	1	7	3	183	6	0	176	31	207
15.0611	Metallurgical Tech./Technician	0	3	1	1	1	1	1	1	81	2	0	76	13	89
15.0699	Industrial Production Technol./Technicians, Other	1	28	2	16	4	2	16	4	233	15	0	258	41	299
15.0701	Occupational Safety and Health Tech./Technician	0	0	0	0	0	0	0	0	5	0	0	5	0	5
15.0702	Quality Control Tech./Technician	0	25	5	8	12	5	8	12	406	30	0	289	197	486
15.0799	Quality Control and Safety Technol./Technicians, Ot	0	0	0	0	0	0	0	0	3	0	0	1	2	3
15.0803	Automotive Engineering Tech./Technician	3	37	4	10	18	4	10	18	370	26	0	439	29	468
15.0805	Mechanical Engineering/Mechanical Tech./Technici	1	20	2	4	10	2	4	10	313	16	0	321	45	366
15.0899	Mechanical Engineering-Related Technol./Technicia	1	5	2	2	5	2	2	5	260	8	0	251	32	283
15.1001	Construction/Building Tech./Technician	0	1	0	2	0	0	2	0	371	5	0	367	12	379
15.1101	Engineering-Related Tech./Technician, General	2	0	0	2	1	0	2	1	40	1	0	37	9	46
15.1102	Surveying	0	0	0	0	1	0	0	1	46	2	0	39	10	49
15.1103	Hydraulic Tech./Technician	0	3	0	1	0	0	1	0	29	19	0	50	2	52
15.9999	Engineering-Related Technol./Technicians, Other	2	14	1	3	4	1	3	4	169	0	0	164	29	193
19.0705	Gerontological Services	0	10	0	0	1	0	0	1	61	4	0	6	70	76
20.0201	Child Care and Guidance Workers and Managers, Ge	11	367	7	13	42	7	13	42	1,495	32	0	52	1915	1967
20.0202	Child Care Provider/Assistant	7	218	5	11	26	5	11	26	950	36	0	26	1227	1253

**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident					White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic			MEN	WOMEN	
20.0203	Child Care Services Manager	1	4	0	0	0	75	0	2	78	80
20.0299	Child Care and Guidance Workers and Managers, Ot	0	5	0	0	1	27	2	2	33	35
20.0301	Clothing, Apparel and Textile Workers and Managers,	0	1	0	0	0	2	1	1	3	4
20.0401	Institutional Food Workers and Administrators, Gene	0	33	3	3	4	141	23	100	107	207
20.0404	Dietician Assistant	0	16	0	0	0	9	2	4	23	27
20.0409	Institutional Food Services Administrator	0	12	0	0	2	67	5	33	53	86
20.0499	Institutional Food Workers and Administrators, Other	0	2	0	2	0	8	0	3	9	12
20.0501	Home Furnishings and Equipment Installers and Con	0	4	0	0	6	93	1	10	94	104
20.0599	Home Furnishings and Equipment Installers and Con	1	4	0	1	2	40	0	5	43	48
20.0604	Custodian/Caretaker	0	0	0	0	0	1	0	1	0	1
20.9999	Vocational Home Economics, Other	0	1	0	0	1	2	0	0	4	4
22.0103	Paralegal/Legal Assistant	3	131	14	10	24	957	56	186	1009	1195
25.0301	Library Assistant	0	3	0	1	2	76	0	5	77	82
31.0301	Parks, Recreation and Leisure Facilities Managemen	0	0	0	0	0	40	0	38	2	40
31.0504	Sport and Fitness Administration/Management	0	0	0	0	0	10	0	2	8	10
31.0599	Health and Physical Education/Fitness, Other	0	0	0	0	0	1	0	1	0	1
41.0205	Nuclear/Nuclear Power Tech./Technician	0	0	0	0	0	10	0	10	0	10
41.0301	Chemical Tech./Technician	0	7	0	0	0	62	2	31	40	71
41.9999	Science Technol./Technicians, Other	0	7	0	1	1	19	1	16	13	29

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**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident					White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	American Indian	Asian	Hispanic			MEN	WOMEN	
43.0102	Corrections/Correctional Administration	0	467	14	10	72	1,238	30	883	948	1831
43.0103	Criminal Justice/Law Enforcement Administration	11	370	16	8	42	800	67	823	491	1314
43.0106	Forensic Tech./Technician	0	7	0	0	3	104	3	39	78	117
43.0107	Law Enforcement/Police Science	9	441	58	41	140	3,927	153	3399	1370	4769
43.0109	Security and Loss Prevention Services	0	6	0	0	1	35	7	37	12	49
43.0199	Criminal Justice and Corrections, Other	0	12	3	0	4	156	1	122	54	176
43.0201	Fire Protection and Safety Tech./Technician	0	17	5	1	6	424	25	431	47	478
43.0202	Fire Services Administration	1	4	0	0	0	39	0	41	3	44
43.0203	Fire Science/Firefighting	0	14	5	2	5	374	20	388	32	420
43.0299	Fire Protection, Other	0	0	0	0	0	17	0	15	2	17
46.0201	Carpenter	0	1	1	0	0	5	0	6	1	7
46.0301	Electrical and Power Transmission Installer, General	0	0	1	0	0	65	1	66	1	67
46.0302	Electrician	0	24	1	3	7	305	2	312	30	342
46.0303	Lineworker	0	0	0	1	1	20	0	22	0	22
46.0401	Building/Property Main. and Manager	0	3	0	1	0	8	0	9	3	12
46.0408	Painter and Wall Coverer	0	0	0	0	0	2	0	2	0	2
46.0499	Construction and Building Finishers and Managers,	0	10	2	0	3	112	7	116	18	134
46.0501	Plumber and Pipefitter	0	12	3	0	2	166	90	254	19	273
46.9999	Construction Trades, Other	0	6	1	0	4	206	1	205	13	218

**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident					White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic			MEN	WOMEN	
47.0101	Electrical and Electronics Equipment Installer and R	0	19	4	1	6	187	25	218	24	242
47.0102	Business Machine Repairer	0	1	2	0	0	34	1	34	4	38
47.0103	Communication Systems Installer and Repairer	0	18	0	2	0	15	6	25	16	41
47.0104	Computer Installer and Repairer	0	1	0	0	0	0	1	2	0	2
47.0105	Industrial Electronics Installer and Repairer	0	41	2	4	20	235	233	477	58	535
47.0199	Electrical and Electronics Equipment Installer and R	0	1	0	3	1	13	0	17	1	18
47.0201	Heating, Air Conditioning and Refrigeration Mechani	0	33	5	7	6	287	12	335	15	350
47.0303	Industrial Machinery Main. and Repairer	0	22	5	2	6	260	79	344	30	374
47.0399	Industrial Equipment Main. and Repairers, Other	0	12	0	0	1	42	67	119	3	122
47.0401	Instrument Calibration and Repairer	0	0	0	1	0	12	1	11	3	14
47.0402	Gunsmith	0	0	0	0	0	3	0	3	0	3
47.0499	Miscellaneous Mechanics and Repairers, Other	0	1	0	0	0	6	1	6	2	8
47.0501	Stationary Energy Sources Installer and Operator	4	31	4	7	1	140	38	207	18	225
47.0603	Auto/Automotive Body Repairer	1	22	2	2	4	109	6	136	10	146
47.0604	Auto/Automotive Mechanic/Technician	4	141	15	30	26	1,062	78	1276	80	1356
47.0605	Diesel Engine Mechanic and Repairer	0	2	1	0	1	18	14	34	2	36
47.0606	Small Engine Mechanic and Repairer	0	0	1	0	0	0	0	0	1	1
47.0607	Aircraft Mechanic/Technician, Airframe	4	6	1	0	1	93	4	102	7	109

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**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident					White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic			MEN	WOMEN	
47.0609	Aviation Systems and Avionics Main. Technologist/Te	4	2	0	2	1	30	0	34	5	39
47.0699	Vehicle and Mobile Equipment Mechanics and Repai	0	6	1	0	1	34	4	37	9	46
47.9999	Mechanics and Repairers, Other	1	1	3	1	3	224	4	230	7	237
48.0101	Drafting, General	8	93	24	43	31	1,650	24	1524	349	1873
48.0102	Architectural Drafting	0	15	4	6	10	289	8	253	79	332
48.0104	Electrical/Electronics Drafting	0	4	1	6	2	51	1	46	19	65
48.0105	Mechanical Drafting	30	202	17	195	77	2,603	111	2500	735	3235
48.0199	Drafting, Other	0	2	0	0	0	15	1	13	5	18
48.0201	Graphic and Printing Equipment Operator, General	2	7	0	3	6	158	1	86	91	177
48.0205	Mechanical Typesetter and Composer	0	0	0	0	0	2	0	1	1	2
48.0206	Lithographer and Platemaker	0	4	2	0	6	67	0	34	45	79
48.0299	Graphic and Printing Equipment Operators, Other	0	0	0	0	0	8	0	5	3	8
48.0501	Machinist/Machine Technologist	0	38	11	15	15	579	53	654	57	711
48.0503	Machine Shop Assistant	2	47	8	24	21	804	204	1047	63	1110
48.0506	Sheet Metal Worker	0	4	1	0	1	39	15	56	4	60
48.0507	Tool and Die Maker/Technologist	0	62	10	20	17	858	233	1092	108	1200
48.0508	Welder/Welding Technologist	2	31	16	8	22	766	86	862	69	931
48.0599	Precision Metal Workers, Other	0	7	0	3	6	127	5	143	5	148
48.0799	Woodworkers, Other	0	0	0	0	0	5	11	16	0	16



**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American					TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Hispanic	White	Unknown	Men	Women				
48.9999	Precision Production Trades, Other	0	52	5	4	24	838	35	898	60	958			
49.0102	Aircraft Pilot and Navigator (Professional)	2	12	1	6	3	243	14	240	41	281			
49.0104	Aviation Management	0	2	0	1	1	13	0	12	5	17			
49.0205	Truck, Bus and Other Commercial Vehicle Operator	0	1	0	0	0	22	0	21	2	23			
49.0299	Vehicle and Equipment Operators, Other	0	0	0	0	0	2	0	1	1	2			
49.0309	Marine Science/Merchant Marine Officer	0	1	0	0	0	72	0	70	3	73			
49.0399	Water Transportation Workers, Other	0	0	0	0	0	25	1	24	2	26			
49.9999	Transportation and Materials Moving Workers, Other	0	2	0	0	0	27	2	13	18	31			
50.0101	Visual and Performing Arts	0	0	0	0	0	25	0	9	16	25			
50.0301	Dance	0	2	1	0	1	19	0	3	20	23			
50.0402	Graphic Design, Commercial Art and Illustration	16	119	19	50	46	1,518	44	777	1035	1812			
50.0404	Industrial Design	0	7	1	0	0	76	4	49	39	88			
50.0408	Interior Design	1	37	0	3	5	122	15	15	168	183			
50.0499	Design and Applied Arts, Other	0	0	0	0	0	1	0	0	1	1			
50.0602	Film-Video Making/Cinematography and Production	0	0	0	0	0	1	0	1	0	1			
50.0605	Photography	7	21	3	7	9	270	6	124	199	323			
50.0701	Art, General	11	38	2	7	9	269	1	117	220	337			
50.0702	Fine/Studio Arts	0	1	0	0	0	31	0	10	22	32			
50.0711	Ceramics Arts and Ceramics	2	3	1	12	5	157	6	50	136	186			
50.0903	Music - General Performance	2	3	0	1	5	36	0	28	19	47			
50.0907	Music - Piano and Organ Performance	0	0	0	0	0	3	0	0	3	3			
50.0908	Music - Voice and Choral/Opera Performance	0	1	0	0	0	10	0	4	7	11			
50.9999	Visual and Performing Arts, Other	0	4	1	1	0	26	0	16	16	32			
51.0205	Sign Language Interpreter	1	19	4	1	5	240	6	33	243	276			
51.0301	Community Health Liaison	0	101	4	1	4	99	10	53	166	219			

TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98

CIP CODE	Program Name	Non-Resident					American				TOTAL		TOTAL STUDENTS
		Resident Allen	Black	Indian	Asian	Hispanic	White	Unknown	Men	Women			
51.0601	Dental Assistant	1	43	5	5	8	270	7	15	324	339		
51.0602	Dental Hygienist	5	119	16	16	33	1,169	37	49	1346	1395		
51.0699	Dental Services, Other	0	6	0	0	0	18	0	2	22	24		
51.0701	Health System/Health Services Administration	3	64	0	5	2	66	0	20	120	140		
51.0703	Health Unit Coordinator/Ward Clerk	0	0	0	0	0	10	0	0	10	10		
51.0705	Medical Office Management	0	1	0	2	0	37	0	2	38	40		
51.0707	Medical Records Tech./Technician	0	21	0	0	4	152	15	8	184	192		
51.0708	Medical Transcription	0	24	2	2	3	168	2	2	199	201		
51.0801	Medical Assistant	7	43	8	25	14	683	20	31	769	800		
51.0803	Occupational Therapy Assistant	0	168	5	13	6	370	18	55	525	580		
51.0805	Pharmacy Technician/Assistant	2	11	3	1	0	51	6	8	66	74		
51.0806	Physical Therapy Assistant	6	145	3	34	26	857	26	235	862	1097		
51.0808	Veterinarian Assistant/Animal Health Technician	0	34	0	2	3	207	12	12	246	258		
51.0899	Health and Medical Assistants, Other	0	0	0	0	0	1	0	1	0	1		
51.0901	Cardiovascular Tech./Technician	0	0	0	0	0	7	0	0	7	7		
51.0904	Emergency Medical Tech./Technician	1	139	5	11	19	694	35	491	413	904		
51.0905	Nuclear Medical Tech./Technician	0	3	2	2	1	14	0	9	13	22		
51.0907	Medical Radiologic Tech./Technician	5	81	8	9	20	776	21	154	766	920		

**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident					Asian	Hispanic	White	Unknown	TOTAL		TOTAL STUDENTS
		Resident Alien	Black	American Indian							MEN	WOMEN	
51.0908	Respiratory Therapy Technician	6	141	11	31	11		610	32	178	664	842	
51.0909	Surgical/Operating Room Technician	0	31	1	3	9		191	9	33	211	244	
51.0910	Diagnostic Medical Sonography	1	22	2	11	11		276	5	15	313	328	
51.0999	Health and Medical Diagnostic and Treatment Serv	1	4	0	2	0		13	0	1	19	20	
51.1004	Medical Laboratory Technician	1	16	0	1	1		38	3	10	50	60	
51.1099	Health and Medical Laboratory Technol./Technician	0	7	2	1	0		16	1	7	20	27	
51.1104	Pre-Veterinary Studies	1	8	2	1	1		73	0	11	75	86	
51.1501	Alcohol/Drug Abuse Counseling	0	6	0	0	2		11	0	9	10	19	
51.1502	Psychiatric/Mental Health Services Technician	0	181	7	10	13		228	17	77	379	456	
51.1599	Mental Health Services, Other	12	209	7	8	21		579	7	122	721	843	
51.1601	Nursing (R.N. Training)	42	2,174	98	176	206		8,215	238	1107	10042	11149	
51.1613	Practical Nurse (L.P.N. Training)	11	275	30	33	45		1,778	24	212	1984	2196	
51.1614	Nurse Assistant/Aide	0	18	1	0	2		52	3	9	67	76	
51.1699	Nursing, Other	1	22	2	6	0		157	1	17	172	189	
51.1802	Optical Technician/Assistant	0	0	0	0	0		4	0	1	3	4	
51.2304	Movement Therapy	1	8	2	3	3		106	0	34	89	123	
51.2306	Occupational Therapy	0	0	0	0	0		28	0	1	27	28	
51.2308	Physical Therapy	0	1	2	6	3		88	0	34	66	100	
51.2601	Health Aide	3	33	0	1	1		53	3	15	79	94	

**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident					White	Unknown	TOTAL		TOTAL STUDENTS
		Resident Alien	Black	American Indian	Asian	Hispanic			MEN	WOMEN	
51.9999	Health Professions and Related Sciences, Other	1	8	4	0	1	323	9	47	299	346
52.0101	Business, General	7	226	9	24	56	1,648	133	800	1303	2103
52.0201	Business Administration and Management, General	141	1,520	112	241	244	8,857	566	4915	6766	11681
52.0204	Office Supervision and Management	0	16	0	7	9	188	1	36	185	221
52.0205	Operations Management and Supervision	0	16	1	2	1	140	8	98	70	168
52.0299	Business Administration and Management, Other	0	0	3	0	0	72	0	18	57	75
52.0301	Accounting	33	163	26	69	27	1,762	39	460	1659	2119
52.0302	Accounting Technician	22	539	30	70	83	3,073	91	834	3074	3908
52.0399	Accounting, Other	0	8	3	2	4	95	0	27	85	112
52.0401	Administrative Assistant/Secretarial Science, Gener	4	129	10	10	32	1,005	56	57	1189	1246
52.0402	Executive Assistant/Secretary	2	97	17	5	20	665	11	24	793	817
52.0403	Legal Administrative Assistant/Secretary	0	55	1	5	8	318	15	10	392	402
52.0404	Medical Administrative Assistant/Secretary	1	100	9	7	19	699	20	8	847	855
52.0405	Court Reporter	11	20	1	2	3	95	0	5	127	132
52.0406	Receptionist	0	0	0	0	0	8	0	0	8	8
52.0407	Information Processing/Data Entry Technician	78	367	18	436	42	1,850	30	1132	1689	2821
52.0408	General Office/Clerical and Typing Services	0	30	4	1	5	169	5	8	206	214
52.0499	Administrative and Secretarial Services, Other	0	16	1	3	2	54	1	5	72	77
52.0701	Enterprise Management and Operation, General	0	31	2	1	5	282	4	137	188	325

**TABLE 13: MICHIGAN COMMUNITY COLLEGES  
YEAR-END OCCUPATIONAL PROGRAM ENROLLMENTS BY CIP CODE, 1997-98**

CIP CODE	Program Name	Non-Resident						White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	American Indian	Asian	Hispanic				MEN	WOMEN	
52.0801	Finance, General	0	5	2	2	1	128	2		40	100	140
52.0803	Banking and Financial Support Services	2	6	3	4	4	156	8		32	151	183
52.0901	Hospitality/Administration Management	2	11	3	2	2	50	1		24	47	71
52.0902	Hotel/Motel and Restaurant Management	9	29	2	15	9	176	6		103	143	246
52.0903	Travel-Tourism Management	8	6	2	3	3	86	2		9	101	110
52.0999	Hospitality Services Management, Other	0	2	0	0	0	23	0		5	20	25
52.1001	Human Resources Management	1	3	0	0	3	22	0		8	21	29
52.1002	Labor/Personnel Relations and Studies	1	0	0	0	0	20	0		7	14	21
52.1101	International Business	1	10	0	4	3	40	0		16	42	58
52.1201	Management Information Systems and Business Dat	5	178	9	39	28	807	41		566	541	1107
52.1202	Business Computer Programming/Programmer	5	18	2	13	8	257	1		158	146	304
52.1203	Business Systems Analysis and Design	0	17	0	4	2	55	8		36	50	86
52.1204	Business Systems Networking and Telecommunicatio	3	2	0	0	1	79	1		53	33	86
52.1205	Business Computer Facilities Operator	1	32	5	27	3	237	18		137	186	323
52.1299	Business Information and Data Processing Services,	0	0	2	0	0	10	0		1	11	12
52.1401	Business Marketing and Marketing Management	2	51	6	17	8	608	27		292	427	719
52.1501	Real Estate	0	15	1	0	4	64	5		42	47	89
52.9999	Business Management and Administrative Services,	11	34	8	5	9	473	8		174	374	548
<b>TOTAL</b>		<b>798</b>	<b>13,384</b>	<b>1,002</b>	<b>2,530</b>	<b>2,450</b>	<b>85,593</b>	<b>4,537</b>		<b>49,465</b>	<b>60,829</b>	<b>110,294</b>

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**TABLE 14: MICHIGAN COMMUNITY COLLEGES  
TWENTY OCCUPATIONAL PROGRAMS WITH THE GREATEST ENROLLMENTS, 1997-98**

CIP CODE	Program Name	Non-Resident					White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Hispanic			MEN	WOMEN	
52.0201	Business Administration and Management, General	141	1,520	112	241	244	8,857	566	4,915	6,766	11,681
51.1601	Nursing (R.N. Training)	42	2,174	98	176	206	8,215	238	1,107	10,042	11,149
43.0107	Law Enforcement/Police Science	9	441	58	41	140	3,927	153	3,399	1,370	4,769
52.0302	Accounting Technician	22	539	30	70	83	3,073	91	834	3,074	3,908
11.0201	Computer Programming	18	384	18	172	79	2,351	219	1,642	1,599	3,241
48.0105	Mechanical Drafting	30	202	17	195	77	2,603	111	2,500	735	3,235
52.0407	Information Processing/Data Entry Technician	78	367	18	436	42	1,850	30	1,132	1,689	2,821
15.0303	Electrical, Electronic and Communications Engin. Te	17	355	21	54	121	2,126	105	2,466	333	2,799
51.1613	Practical Nurse (L.P.N. Training)	11	275	30	33	45	1,778	24	212	1,984	2,196
52.0301	Accounting	33	163	26	69	27	1,762	39	460	1,659	2,119
52.0101	Business, General	7	226	9	24	56	1,648	133	800	1,303	2,103
20.0201	Child Care and Guidance Workers and Managers, Ge	11	367	7	13	42	1,495	32	52	1,915	1,967
48.0101	Drafting, General	8	93	24	43	31	1,650	24	1,524	349	1,873
43.0102	Corrections/Correctional Administration	0	467	14	10	72	1,238	30	883	948	1,831
50.0402	Graphic Design, Commercial Art and Illustration	16	119	19	50	46	1,518	44	777	1,035	1,812
51.0602	Dental Hygienist	5	119	16	16	33	1,169	37	49	1,346	1,395
47.0604	Auto/Automotive Mechanic/Technician	4	141	15	30	26	1,062	78	1,276	80	1,356
43.0103	Criminal Justice/Law Enforcement Administration	11	370	16	8	42	800	67	823	491	1,314
20.0202	Child Care Provider/Assistant	7	218	5	11	26	950	36	26	1,227	1,253
52.0401	Administrative Assistant/Secretarial Science, Gener	4	129	10	10	32	1,005	56	57	1,189	1,246
<b>TOTAL</b>		<b>474</b>	<b>8,669</b>	<b>563</b>	<b>1,702</b>	<b>1,470</b>	<b>49,077</b>	<b>2,113</b>	<b>24,934</b>	<b>39,134</b>	<b>64,068</b>

*Twenty programs accounted for 58.1% of occupational program enrollments.*

*Students were enrolled in 250 occupational programs.*

**TABLE 15: MICHIGAN COMMUNITY COLLEGES  
PERCENTAGE OF OCCUPATIONAL PROGRAM ENROLLMENTS AS COMPARED TO  
TOTAL YEAR-END PROGRAM ENROLLMENTS, 1997-98**

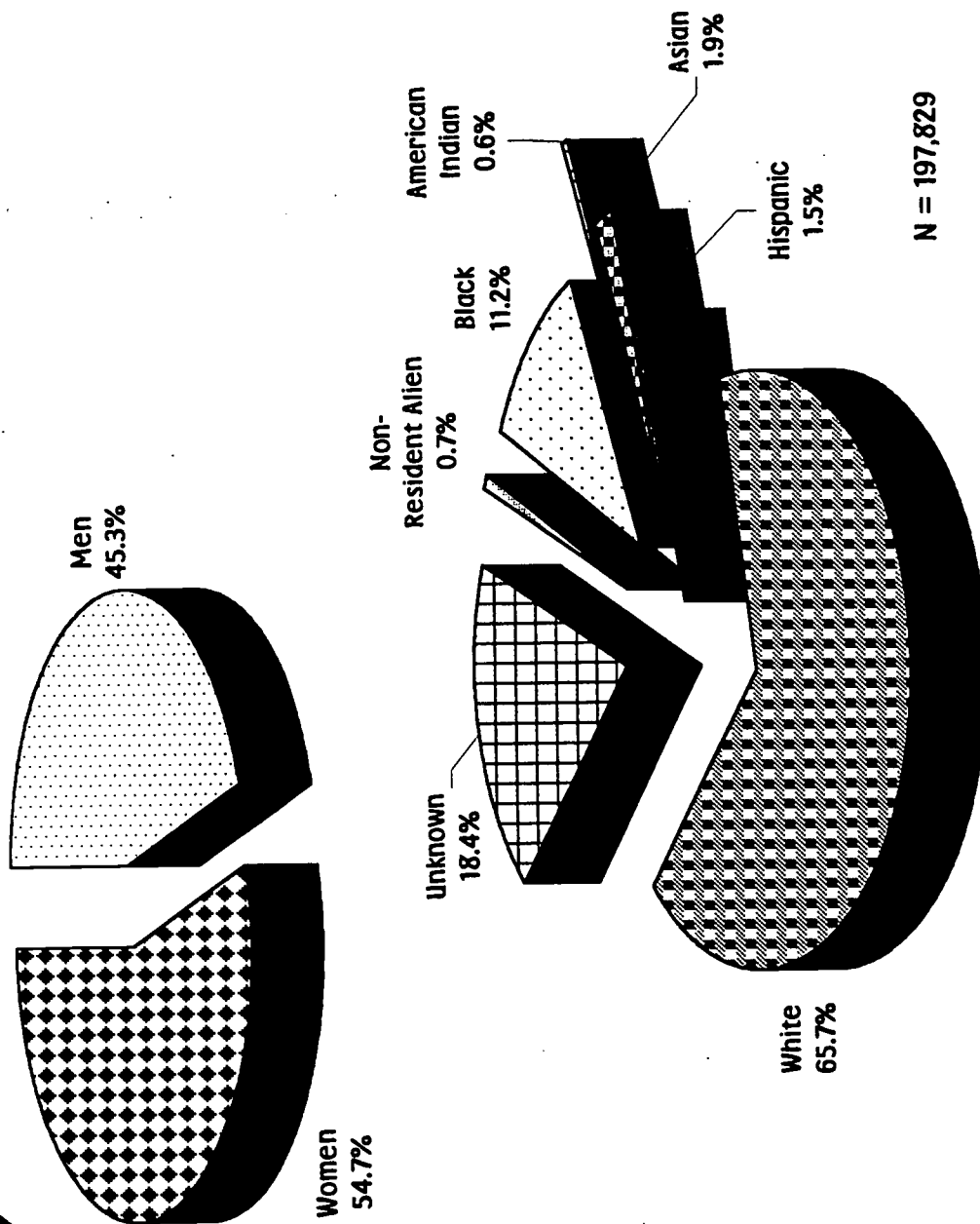
Community College	PROGRAM ENROLLMENTS		OCCUPATIONAL ENROLLMENTS
Alpena	2,015	3,519	57.26%
Bay de Noc	1,222	2,251	54.29%
Mott	6,289	10,671	58.94%
Delta	6,192	10,578	58.54%
Glen Oaks	634	1,375	46.11%
Gogebic	603	1,028	58.66%
Grand Rapids	4,286	12,470	34.37%
Henry Ford	9,297	18,378	50.59%
Jackson	2,854	5,823	49.01%
Kalamazoo	4,050	9,544	42.44%
Kellogg	4,903	7,601	64.50%
Kirtland	905	1,374	65.87%
Lake Michigan	2,340	4,179	55.99%
Lansing	6,007	7,842	76.60%
Macomb	12,564	14,500	86.65%
Mid Michigan	1,089	2,016	54.02%
Monroe County	1,496	4,009	37.32%
Montcalm	1,623	2,369	68.51%
Muskegon	1,787	5,400	33.09%
North Central	411	1,495	27.49%
Northwestern	1,852	4,354	42.54%
Oakland	19,731	29,041	67.94%
St. Clair County	2,116	5,614	37.69%
Schoolcraft	5,311	12,412	42.79%
Southwestern	1,185	2,653	44.67%
Washtenaw	4,672	6,246	74.80%
Wayne County	4,314	9,398	45.90%
West Shore	546	1,513	36.09%
TOTAL	110,294	197,653	55.80%
1996-97	104,418	186,222	56.07%

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# NON-PROGRAM ENROLLMENTS, 1997-98





**TABLE 16: MICHIGAN COMMUNITY COLLEGES  
TOTAL NON-PROGRAM ENROLLMENTS, 1997-98**

Community College	Non-Resident Alien		Black		American Indian		Asian		Hispanic		White		TOTAL STUDENTS		TOTAL STUDENTS
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
Alpena	0	0	0	0	0	0	0	0	0	0	377	207	379	209	588
Bay de Noc	0	0	0	0	10	11	2	0	2	1	799	872	1,016	957	1,973
Mott	0	3	132	153	15	12	11	16	18	29	779	997	1,038	1,296	2,334
Delta	6	18	113	199	10	23	39	38	80	100	2,642	4,303	2,991	4,796	7,787
Glen Oaks	5	0	10	10	3	0	12	6	5	2	420	585	1,011	1,408	2,419
Gogebic	0	2	0	1	2	4	1	1	0	0	241	470	287	570	857
Grand Rapids	0	0	332	305	43	27	169	123	208	109	6,228	3,417	7,204	4,108	11,312
Henry Ford	6	2	235	356	12	20	58	59	58	62	1,247	1,240	2,041	2,188	4,229
Jackson	5	7	61	82	12	12	17	34	37	36	1,936	2,681	2,615	3,342	5,957
Kalamazoo	78	62	221	314	26	34	42	60	78	83	3,765	4,294	5,066	5,380	10,446
Kellogg	2	12	121	220	26	29	32	51	36	53	2,297	3,691	2,802	4,870	7,672
Kirtland	0	1	2	0	12	1	3	6	4	2	760	694	795	728	1,523
Lake Michigan	2	3	183	200	7	12	7	8	12	8	1,108	880	1,319	1,111	2,430
Lansing	232	167	694	764	87	91	289	240	298	311	7,129	8,267	9,517	9,993	19,510
Macomb	30	58	320	341	66	65	239	205	126	120	9,013	9,446	14,821	15,174	29,995
Mid Michigan	4	4	6	7	6	12	9	9	8	6	847	1,230	1,114	1,414	2,528
Monroe County	0	0	0	5	0	1	1	5	2	9	161	366	168	390	558
Montcalm	0	0	1	1	9	4	3	2	8	2	686	794	747	909	1,656
Muskegon	1	0	81	97	6	10	1	7	22	20	1,069	1,186	1,940	2,065	4,005
North Central	0	0	2	1	7	40	1	3	4	11	426	789	458	867	1,325
Northwestern	3	1	0	0	5	8	3	0	2	5	488	1,102	2,395	3,866	6,261
Oakland	298	362	374	655	18	27	199	288	80	100	3,106	4,274	4,205	5,894	10,099
St. Clair County	15	27	11	15	2	3	1	3	3	9	637	1,079	1,554	2,052	3,606
Schoolcraft	2	0	359	382	21	23	227	226	76	90	6,436	7,346	8,736	9,242	17,978
Southwestern	6	7	111	235	12	14	16	27	37	32	1,354	2,149	1,698	2,825	4,523
Washtenaw	17	18	553	731	49	41	309	506	105	141	4,385	4,815	7,931	8,557	16,488
Wayne County	0	0	3,498	9,662	43	83	107	113	109	185	1,441	2,310	5,587	13,259	18,846
West Shore	0	0	3	4	0	0	0	0	1	7	212	442	265	659	924
<b>TOTAL</b>	<b>712</b>	<b>754</b>	<b>7,423</b>	<b>14,740</b>	<b>509</b>	<b>607</b>	<b>1,798</b>	<b>2,036</b>	<b>1,419</b>	<b>1,533</b>	<b>59,989</b>	<b>69,926</b>	<b>89,700</b>	<b>108,129</b>	<b>197,829</b>
<b>1996-97</b>	<b>541</b>	<b>529</b>	<b>7,088</b>	<b>14,381</b>	<b>538</b>	<b>629</b>	<b>1,834</b>	<b>1,983</b>	<b>1,314</b>	<b>1,472</b>	<b>57,909</b>	<b>67,770</b>	<b>87,200</b>	<b>107,856</b>	<b>195,056</b>

\*Unknowns = Total Students - Sum of Racial Groups.

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# **TABLE 17: MICHIGAN COMMUNITY COLLEGES TOTAL NON-PROGRAM ENROLLMENTS BY PROGRAM AREA, 1997-98**

CIP Code	Program Description	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	Black	Indian	Asian	Hispanic			Men	Women	
01	AGRICULTURAL BUSINESS&PRODUCTION	0	7	1	7	1	7	1	7	1	202	70	128	160	288
02	AGRICULTURAL SCIENCES	0	2	0	1	0	2	0	1	0	58	9	28	42	70
03	CONSERVATION & RENEWABLE NAT. RESOURCES	0	4	1	2	2	4	1	2	2	111	5	83	42	125
04	ARCHITECTURE&RELATED PROGRAMS	1	7	1	1	3	7	1	1	3	116	32	110	51	161
05	AREA, ETHNIC & CULTURAL ISSUES	2	5	1	0	1	5	1	0	1	6	0	7	8	15
08	MARKETING	3	16	0	2	4	16	0	2	4	76	15	59	57	116
09	COMMUNICATIONS	13	105	10	39	56	105	10	39	56	1,735	119	1,000	1,077	2,077
10	COMMUNICATIONS TECHNOLOGIES	1	6	0	7	4	6	0	7	4	130	20	83	85	168
11	COMPUTER & INFORMATION SCIENCES	29	733	39	161	80	733	39	161	80	6,216	1,508	3,707	5,059	8,766
12	PERSONAL & MISCELLANEOUS SERVICES	226	487	28	346	154	487	28	346	154	8,695	1,778	4,847	6,867	11,714
13	EDUCATION	3	474	20	23	61	474	20	23	61	1,919	786	987	2,299	3,286
14	ENGINEERING	23	332	10	86	46	332	10	86	46	1,171	122	1,432	358	1,790
15	ENGINEERING-RELATED TECHNOLOGIES	13	860	64	175	204	860	64	175	204	6,571	1,985	6,805	3,067	9,872
16	FOREIGN LANGUAGES & LITERATURE	1	6	0	3	1	6	0	3	1	165	64	110	130	240
19	HOME ECONOMICS	5	21	2	6	7	21	2	6	7	685	322	237	811	1,048
20	VOCATIONAL HOME ECONOMICS	0	276	5	4	20	276	5	4	20	207	37	34	515	549
21	TECHNOLOGICAL EDUCATION/INDUSTRIAL ARTS	4	137	24	80	46	137	24	80	46	1,702	646	2,015	624	2,639
22	LAW AND LEGAL STUDIES	2	24	1	5	5	24	1	5	5	152	21	63	147	210
23	ENGLISH LANGUAGE & LITERATURE/LETTERS	7	13	7	5	9	13	7	5	9	435	23	187	312	499
24	LIBERAL ARTS, GENERAL STUD.,&HUMANITIES	945	9,634	500	1,709	1,358	9,634	500	1,709	1,358	52,179	12,192	32,891	45,626	78,517
25	LIBRARY SCIENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	BIOLOGICAL SCIENCES/LIFE SCIENCES	2	9	4	8	5	9	4	8	5	320	81	188	241	429
27	MATHEMATICS	6	167	12	118	40	167	12	118	40	1,769	232	1,230	1,114	2,344
29	MILITARY TECHNOLOGIES	0	0	0	0	0	0	0	0	0	10	2	11	5	16
30	MULTI/INTERDISCIPLINARY STUDIES	0	3	0	0	1	3	0	0	1	61	1	23	43	66
31	PARKS, RECREATION, LEISURE & FITNESS STU	0	11	1	1	2	11	1	1	2	124	147	137	149	286
32	BASIC SKILLS	5	47	1	5	17	47	1	5	17	303	75	197	256	453
33	CITIZENSHIP ACTIVITIES	0	29	1	20	5	29	1	20	5	290	66	204	207	411
34	HEALTH-RELATED KNOWLEDGE AND SKILLS	26	125	6	7	8	125	6	7	8	1,144	206	452	1,070	1,522
35	INTERPERSONAL AND SOCIAL SKILLS	0	5	4	1	2	5	4	1	2	310	14	140	196	336
36	LEISURE AND RECREATIONAL ACTIVITIES	9	1,197	53	44	106	1,197	53	44	106	6,250	1,812	4,398	5,073	9,471

# TABLE 17: MICHIGAN COMMUNITY COLLEGES TOTAL NON-PROGRAM ENROLLMENTS BY PROGRAM AREA, 1997-98

CIP Code	Program Description	Non-Resident					American				TOTAL		
		Alien	Black	Indian	Asian	Hispanic	White	Unknown	Men	Women	Students	Men	Women
37	PERSONAL AWARENESS AND SELF-IMPROVEMENT	0	564	21	70	51	3,156	1,265	1,801	3,326	5,127		
38	PHILOSOPHY & RELIGION	0	3	1	1	3	127	1	48	88	136		
39	THEOLOGICAL STUDIES/RELIGIOUS VOCATIONS	0	0	0	0	0	2	0	1	1	2		
40	PHYSICAL SCIENCES	1	16	3	13	8	283	11	161	174	335		
41	SCIENCE TECHNOLOGIES	5	66	8	9	16	1,207	827	1,062	1,076	2,138		
42	PSYCHOLOGY	5	43	9	17	17	629	49	188	581	769		
43	PROTECTIVE SERVICES	2	664	37	18	56	2,788	2,652	4,436	1,781	6,217		
44	PUBLIC ADMINISTRATION & SERVICES	3	36	3	3	8	614	147	491	323	814		
45	SOCIAL SCIENCES & HISTORY	6	51	8	4	21	804	59	393	560	953		
46	CONSTRUCTION TRADES	0	13	1	9	2	335	107	417	50	467		
47	MECHANICS & REPAIRERS	14	386	18	31	47	3,093	346	3,411	524	3,935		
48	PRECISION PRODUCTION TRADES	2	156	15	46	28	2,112	1,199	2,768	790	3,558		
49	TRANSPORTATION & MATERIALS MOVING WORKER	1	25	1	7	6	390	36	374	92	466		
50	VISUAL & PERFORMING ARTS	7	55	6	25	17	988	67	458	707	1,165		
51	HEALTH PROFESSIONS & RELATED SCIENCES	44	3,158	99	243	231	8,340	1,913	2,697	11,331	14,028		
52	BUSINESS MGT & ADMINISTRATIVE SERVICES	49	1,881	78	387	154	9,223	4,430	6,975	9,227	16,202		
53	HIGHSCHOOL SCHOOL/SECONDARY DIPLOMA	1	304	11	82	39	2,712	884	2,226	1,807	4,033		
TOTAL		1,466	22,163	1,115	3,831	2,952	129,915	36,383	89,700	108,124	197,829		

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**TABLE 18: MICHIGAN COMMUNITY COLLEGES  
OCCUPATIONAL NON-PROGRAM ENROLLMENTS, 1997-98**

Community College	Non-Resident Alien		Black		American Indian		Asian		Hispanic		White		Unknown		TOTAL STUDENTS		TOTAL STUDENTS
	Men		Women		Men		Women		Men		Women		Men		Women		
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
Alpena	0	0	0	0	0	0	0	0	0	0	279	54	2	0	281	54	335
Bay de Noc	0	0	0	0	4	2	1	0	2	0	506	377	175	44	688	423	1,111
Mott	0	3	132	153	15	12	10	16	18	29	779	996	83	86	1,037	1,295	2,332
Delta	1	2	16	83	5	7	4	8	15	32	911	2,131	0	6	952	2,269	3,221
Glen Oaks	3	0	4	7	1	0	9	1	2	2	291	336	304	449	614	795	1,409
Gogebic	0	1	0	0	1	4	1	1	0	0	130	246	1	4	133	256	389
Grand Rapids	0	0	43	64	12	10	21	13	32	25	1,622	621	62	14	1,792	747	2,539
Henry Ford	6	2	235	356	12	20	58	59	58	62	1,247	1,240	425	449	2,041	2,188	4,229
Jackson	4	2	42	51	8	8	14	21	22	17	1,325	1,696	500	437	1,915	2,232	4,147
Kalamazoo	1	4	13	84	0	4	1	6	3	15	191	513	76	27	285	653	938
Kellogg	0	0	20	12	3	1	3	2	3	0	190	142	21	1	240	158	398
Kirtland	0	0	2	0	12	1	3	5	4	1	665	472	14	23	700	502	1,202
Lake Michigan	2	3	181	196	7	12	6	8	11	8	1,076	842	0	0	1,283	1,069	2,352
Lansing	20	5	57	46	7	6	33	22	24	17	592	696	27	18	760	810	1,570
Macomb	14	20	168	146	40	32	101	102	55	45	4,472	3,810	313	293	7,983	7,094	15,077
Mid Michigan	1	1	3	3	6	8	6	1	6	3	695	635	195	97	912	748	1,660
Monroe County	0	0	0	5	0	1	1	5	2	9	161	366	4	4	168	390	558
Montcalm	0	0	1	0	6	3	3	0	7	2	347	393	0	20	364	418	782
Muskegon	0	0	29	30	2	8	0	1	12	8	613	520	417	362	1,073	929	2,002
North Central	0	0	1	0	1	20	0	1	3	2	129	318	3	4	137	345	482
Northwestern	0	0	0	0	1	2	1	0	1	0	146	259	17	41	166	302	468
Oakland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Clair County	1	9	10	11	2	1	0	1	3	7	459	651	683	601	1,158	1,281	2,439
Schoolcraft	1	0	226	259	11	16	136	115	45	39	3,402	3,323	929	575	4,750	4,327	9,077
Southwestern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washtenaw	7	5	278	402	32	20	172	241	56	52	2,543	2,419	1,893	1,416	4,981	4,555	9,536
Wayne County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Shore	0	0	3	4	0	0	0	0	1	7	208	431	49	206	261	648	909
TOTAL	61	57	1,464	1,912	188	198	584	629	385	382	22,979	23,487	9,013	7,823	34,674	34,488	69,162
1996-97	48	42	1,082	1,309	158	156	524	472	350	295	19,682	17,614	7,139	5,813	28,983	25,701	54,684

Unknowns = Total Students - Sum of Racial Groups.

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Unknowns = Total Students - Sum of Racial Groups.

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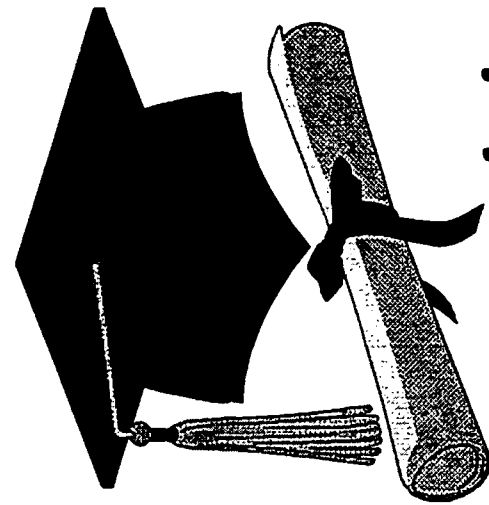
# ABLE MICHIGAN COMMUNITY COLLEGES TOTAL OCCUPATIONAL NON-PROGRAM ENROLLMENTS BY PROGRAM AREA, 1997-98

CIP Code	Program Description	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Hispanic	Black	Indian	Asian	Hispanic			Men	Women	
01	AGRICULTURAL BUSINESS&PRODUCTION	0	5	1	1	1	5	1	1	1	116	51	105	70	175
02	AGRICULTURAL SCIENCES	0	0	0	0	0	0	0	0	0	13	5	2	16	18
03	CONSERVATION & RENEWABLE NAT. RESOURCES	0	0	0	0	0	0	0	0	0	33	1	22	13	35
04	ARCHITECTURE&RELATED PROGRAMS	0	3	0	0	0	3	0	0	1	34	16	44	10	54
05	AREA, ETHNIC & CULTURAL ISSUES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08	MARKETING	2	5	0	0	0	5	0	0	1	34	13	25	30	55
09	COMMUNICATIONS	1	5	0	0	0	5	0	0	2	162	34	71	134	205
10	COMMUNICATIONS TECHNOLOGIES	1	5	0	0	0	5	0	0	3	79	5	58	39	97
11	COMPUTER& INFORMATION SCIENCES	11	106	19	95	43	106	19	95	43	4,522	1,293	2,381	3,708	6089
12	PERSONAL & MISCELLANEOUS SERVICES	0	19	1	1	5	19	1	1	5	240	120	165	221	386
13	EDUCATION	0	30	2	2	5	30	2	2	5	177	58	43	231	274
14	ENGINEERING	7	141	7	43	27	141	7	43	27	852	108	979	206	1185
15	ENGINEERING-RELATED TECHNOLOGIES	7	138	16	57	37	138	16	57	37	2,192	1,726	2,925	1,248	4173
16	FOREIGN LANGUAGES & LITERATURE														
19	HOME ECONOMICS	2	16	2	4	6	16	2	4	6	606	307	229	714	943
20	VOCATIONAL HOME ECONOMICS	0	18	2	3	8	18	2	3	8	148	9	10	178	188
21	TECHNOLOGICAL EDUCATION/INDUSTRIAL ARTS	4	137	24	80	46	137	24	80	46	1,698	644	2,011	622	2633
22	LAW AND LEGAL STUDIES	0	6	1	1	0	6	1	1	0	73	21	30	72	102
23	ENGLISH LANGUAGE & LITERATURE/LETTERS	5	7	4	2	6	7	4	2	6	184	8	80	136	216
24	LIBERAL ARTS, GENERAL STUD.,&HUMANITIES	12	711	99	144	191	711	99	144	191	5,944	934	3,355	4,680	8035
25	LIBRARY SCIENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	BIOLOGICAL SCIENCES/LIFE SCIENCES	1	4	3	5	1	4	3	5	1	111	5	53	77	130
27	MATHEMATICS	0	11	2	36	4	11	2	36	4	322	55	296	134	430
28	AIR FORCE R.O.T.C.	0	0	1	3	0	0	1	3	0	9	2	10	5	15
29	MILITARY TECHNOLOGIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	MULTI/INTERDISCIPLINARY STUDIES	0	0	0	0	0	0	0	0	0	1	0	0	0	1
31	PARKS, RECREATION, LEISURE & FITNESS STU	0	0	0	0	0	0	0	0	0	36	10	27	19	46

Thirty-five percent (35%) of all non-program enrollments are occupational.

**TABLE 19: MICHIGAN COMMUNITY COLLEGES  
TOTAL OCCUPATIONAL NON-PROGRAM ENROLLMENTS BY PROGRAM AREA, 1997-98**

CIP Code	Program Description	Non-Resident						TOTAL		TOTAL STUDENTS	
		Resident Alien	Black	American Indian	Asian	Hispanic	White	Unknown	MEN		WOMEN
32	BASIC SKILLS	0	0	0	0	0	10	0	1	9	10
33	CITIZENSHIP ACTIVITIES	0	28	1	20	5	290	66	203	207	410
34	HEALTH-RELATED KNOWLEDGE AND SKILLS	0	104	2	4	4	315	69	86	412	498
35	INTERPERSONAL AND SOCIAL SKILLS	0	5	4	1	2	291	0	127	176	303
36	LEISURE AND RECREATIONAL ACTIVITIES	2	13	1	0	4	493	56	155	414	569
37	PERSONAL AWARENESS AND SELF-IMPROVEMENT	0	19	9	20	10	2,041	460	794	1,765	2,559
38	PHILOSOPHY & RELIGION	0	0	0	0	0	0	0	0	0	0
39	THEOLOGICAL STUDIES/RELIGIOUS VOCATIONS	0	4	1	5	0	54	2	37	29	66
40	PHYSICAL SCIENCES	5	65	8	8	16	1,204	827	1,059	1,074	2,133
41	SCIENCE TECHNOLOGIES										
42	PSYCHOLOGY	1	18	5	10	2	353	18	66	341	407
43	PROTECTIVE SERVICES	1	40	26	11	21	1,776	2,446	3,142	1,179	4,321
44	PUBLIC ADMINISTRATION & SERVICES	1	8	1	3	3	189	31	72	164	236
45	SOCIAL SCIENCES & HISTORY	0	1	1	0	0	28	0	3	27	30
46	CONSTRUCTION TRADES	0	7	1	0	1	295	104	370	38	408
47	MECHANICS & REPAIRERS	13	247	18	24	44	2,992	327	3,193	472	3,665
48	PRECISION PRODUCTION TRADES	2	116	12	45	26	2,071	1,193	2,699	766	3,465
49	TRANSPORTATION & MATERIALS MOVING WORKER	1	22	1	7	6	370	36	358	85	443
50	VISUAL & PERFORMING ARTS	1	8	3	15	7	358	30	168	254	422
51	HEALTH PROFESSIONS & RELATED SCIENCES	17	476	40	140	103	5,458	998	1,426	5,806	7,232
52	BUSINESS MGT & ADMINISTRATIVE SERVICES	20	562	58	346	92	7,860	3,916	5,729	7,125	12,854
53	HIGHSCHOOL SCHOOL/SECONDARY DIPLOMA	1	266	10	71	34	2,432	832	2,065	1,581	3,646
	TOTAL	118	3,376	386	1,213	767	46,466	16,836	34,674	34,488	69,162



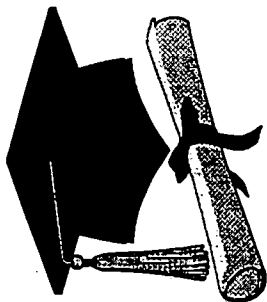
# ***SECTION 3***

## ***Degrees Conferred for July 1, 1997- June 30, 1998***

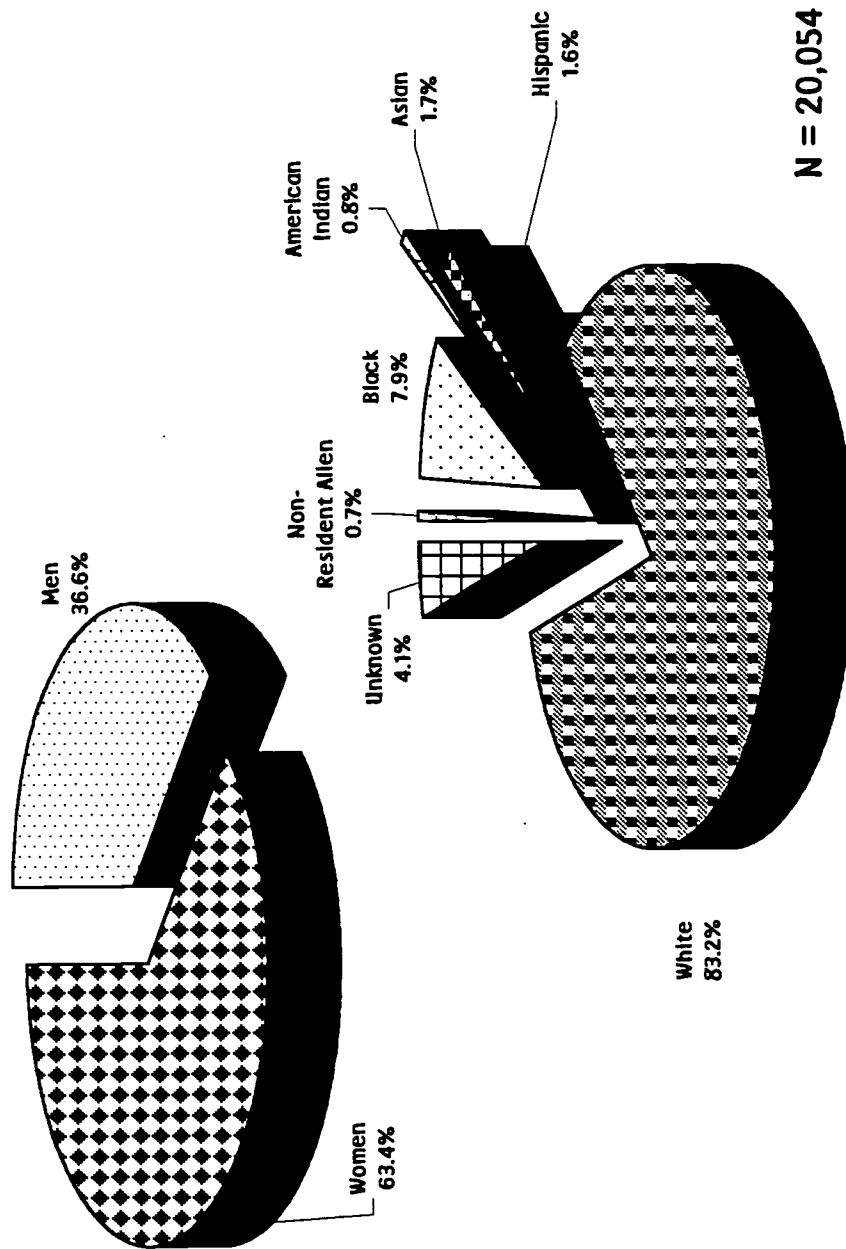
**TABLE 20: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY LEVEL, 1997-98**

Degree Level	Men	Women	TOTAL
< 1 Year	30	57	87
> 1 but < 2 Years	1,239	1,767	3,006
Associate Degree/2-Year Certificate	5,951	10,518	16,469
> 2 Years but < 4	124	368	492
<b>TOTAL</b>	<b>7,344</b>	<b>12,710</b>	<b>20,054</b>
<b>1996-97</b>	<b>7,492</b>	<b>13,372</b>	<b>20,864</b>





# AWARDS CONFERRED FOR 1997-98



**TABLE 21: MICHIGAN COMMUNITY COLLEGES  
TOTAL AWARDS CONFERRED BY COLLEGE, RACE, AND GENDER, 1997-98**

Community College	Non-Resident Alien		Black		American Indian		Asian		Hispanic		White		TOTAL STUDENTS			TOTAL STUDENTS
	Men		Women		Men		Women		Men		Women		Men			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Students	
Alpena	0	0	3	2	1	0	1	0	1	1	145	215	152	218	370	
Bay de Noc	0	0	0	0	0	6	1	3	0	0	96	288	97	297	394	
Mott	2	2	28	94	6	2	6	5	10	11	225	435	277	549	826	
Delta	0	1	18	62	3	1	0	4	14	28	323	635	364	738	1,102	
Glen Oaks	1	1	3	6	1	1	0	0	1	0	54	106	60	114	174	
Gogebic	0	0	0	0	0	1	0	0	1	0	124	122	125	123	248	
Grand Rapids	7	5	16	41	3	3	25	24	14	16	386	573	665	669	1,334	
Henry Ford	0	4	37	129	3	7	2	12	11	20	390	525	591	783	1,374	
Jackson	1	0	2	18	0	0	0	1	0	1	131	278	135	298	433	
Kalamazoo	6	8	18	33	1	5	4	6	4	4	268	420	305	479	784	
Kellogg	2	0	11	81	0	5	2	7	11	10	246	523	273	627	900	
Kirtland	0	0	0	0	2	4	0	0	0	0	48	177	51	181	232	
Lake Michigan	5	5	11	20	3	2	1	2	2	3	57	194	79	226	305	
Lansing	11	23	25	42	9	4	17	14	10	27	383	686	456	796	1,252	
Macomb	8	10	42	42	6	13	44	42	23	16	1,331	1,455	1,534	1,667	3,201	
Mid Michigan	0	0	1	0	0	1	0	0	0	1	57	195	58	197	255	
Monroe County	0	0	1	1	1	1	1	4	3	1	145	239	151	246	397	
Montcalm	0	0	3	17	0	3	0	0	2	5	44	162	50	188	238	
Muskegon	3	0	12	29	3	7	0	1	3	6	147	347	173	400	573	
North Central	0	0	1	0	1	10	2	0	0	1	57	130	61	141	202	
Northwestern	0	1	0	0	1	5	1	0	0	1	136	223	139	237	376	
Oakland	1	2	21	120	3	9	18	35	5	18	422	890	474	1,078	1,552	
St. Clair County	3	5	0	6	1	3	0	1	0	2	116	387	120	404	524	
Schoolcraft	0	0	7	39	3	4	9	12	1	5	292	625	317	690	1,007	
Southwestern	9	4	9	11	1	1	0	1	0	4	96	192	115	213	328	
Washtenaw	0	1	31	56	1	2	11	15	8	8	214	375	294	486	780	
Wayne County	1	4	89	334	2	5	4	3	4	3	45	139	168	540	708	
West Shore	0	0	0	4	1	2	0	2	2	3	57	114	60	125	185	
TOTAL	60	76	389	1,187	56	107	149	194	130	195	6,035	10,650	7,344	12,710	20,054	
1996-97													7,492	14,045	21,537	

Unknowns = Total - Sum of all Racial Groups.

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9:55 AM

TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98

CIP CODE	Program Name	Non-Resident						White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Hispanic	White			MEN	WOMEN	
01.0199	Agricultural Business and Management, Other	0	0	0	0	0	1	0	0	1	0	1
01.0605	Landscaping Operations and Management	0	0	0	0	0	14	0	0	5	9	14
01.0607	Turf Management	0	0	0	0	0	1	0	0	1	0	1
02.0501	Soil Sciences	0	0	0	0	0	2	0	0	2	0	2
03.0101	Natural Resources Conservation, General	0	0	0	0	0	3	0	0	0	3	3
03.0102	Environmental Science/Studies	0	0	0	0	0	6	0	0	2	4	6
03.0299	Natural Resources Management and Protective Ser	0	0	0	0	0	1	0	0	1	0	1
03.0501	Forestry, General	0	0	0	0	0	2	0	0	0	2	2
04.0201	Architecture	0	0	0	1	0	5	0	0	5	1	6
05.0299	Ethnic and Cultural Studies, Other	0	0	0	0	1	0	0	0	0	1	1
08.0102	Fashion Merchandising	0	0	0	1	1	6	0	0	0	8	8
08.0204	Business Services Marketing Operations	0	0	0	0	0	2	0	0	1	1	2
08.0705	General Retailing Operations	0	0	0	0	0	2	0	0	1	1	2
08.0706	General Selling Skills and Sales Operations	0	6	0	0	1	21	6	6	27	7	34
08.0708	General Marketing Operations	1	1	0	0	0	24	0	0	12	14	26
08.0799	General Retailing and Wholesaling Operations and S	2	0	0	0	0	3	0	0	4	1	5
08.1001	Insurance Marketing Operations	0	0	0	0	0	1	0	0	0	1	1
09.0101	Communications, General	0	0	0	0	0	3	0	0	1	2	3
09.0401	Journalism	0	0	0	0	0	9	0	0	3	6	9
09.0402	Broadcast Journalism	0	0	0	0	0	1	0	0	1	0	1
09.0403	Mass Communications	0	0	0	0	0	5	1	1	3	3	6
10.0103	Photographic Tech./Technician	0	0	0	0	0	27	1	1	14	14	28
10.0104	Radio and Television Broadcasting Tech./Technician	0	2	0	0	0	18	0	0	13	7	20
10.0199	Communications Technol./Technicians, Other	0	0	0	0	0	7	0	0	6	1	7

**TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident							TOTAL		TOTAL STUDENTS
		Resident Alien	Black	American Indian	Asian	Hispanic	White	Unknown	MEN	WOMEN	
11.0101	Computer and Information Sciences, General	0	1	0	6	0	13	0	16	4	20
11.0201	Computer Programming	3	44	1	9	2	158	14	97	134	231
11.0301	Data Processing Tech./Technician	0	0	0	2	0	27	0	7	22	29
11.0401	Information Sciences and Systems	0	1	0	3	1	18	0	17	6	23
11.0701	Computer Science	0	1	0	0	0	2	0	3	0	3
11.9999	Computer and Information Sciences, Other	3	6	0	0	1	42	0	15	37	52
12.0301	Funeral Services and Mortuary Science	0	2	0	0	0	2	0	1	3	4
12.0401	Cosmetic Services, General	0	0	0	0	0	1	0	0	1	1
12.0403	Cosmetologist	0	3	0	0	0	27	0	2	28	30
12.0405	Massage	0	0	1	0	0	5	0	0	6	6
12.0499	Cosmetic Services, Other	0	0	0	0	0	4	0	0	4	4
12.0501	Baker/Pastry Chef	1	0	0	0	0	4	0	2	3	5
12.0503	Culinary Arts/Chef Training	1	11	1	0	2	97	5	66	51	117
12.0504	Food and Beverage/Restaurant Operations Manage	1	3	0	0	0	6	1	6	5	11
12.0505	Kitchen Personnel/Cook and Assistant Training	0	0	0	0	0	6	0	2	4	6
13.0101	Education, General	3	29	4	0	4	347	9	145	251	396
13.1001	Special Education, General	0	3	0	0	0	10	0	2	11	13
13.1202	Elementary Teacher Education	0	11	2	2	1	150	2	24	144	168
13.1204	Pre-Elementary/Early Childhood/Kindergarten Teac	0	4	0	1	1	57	0	1	62	63
13.1205	Secondary Teacher Education	0	5	1	2	2	70	0	21	59	80
13.1302	Art Teacher Education	0	0	0	0	0	5	0	1	4	5
13.1305	English Teacher Education	0	0	0	0	0	2	0	0	2	2

TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98

CIP CODE	Program Name	Non-Resident					Asian	Hispanic	White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	American Indian	Black	Indian					MEN	WOMEN	
13.1309	Technology Teacher Education/Industrial Arts Teac	0	0	0	0	0	0	0	2	0	1	1	2
13.1311	Mathematics Teacher Education	0	1	0	0	0	0	0	0	0	0	1	1
13.1312	Music Teacher Education	0	1	0	0	0	0	0	13	0	7	7	14
13.1314	Physical Education Teaching and Coaching	0	1	0	0	0	0	0	3	0	3	1	4
13.1316	Science Teacher Education, General	0	0	0	0	0	0	0	3	0	0	3	3
13.1324	Drama and Dance Teacher Education	0	0	0	0	0	0	0	2	0	0	2	2
13.1501	Teacher Assistant/Aide	0	0	0	0	0	0	0	7	0	1	6	7
14.0101	Engineering, General	2	4	2	3	2	1	1	80	1	72	21	93
15.0101	Architectural Engineering Tech./Technician	0	2	0	0	0	2	2	59	2	48	17	65
15.0201	Civil Engineering/Civil Tech./Technician	0	0	0	3	0	0	0	25	0	25	3	28
15.0301	Computer Engineering Tech./Technician	0	3	0	0	0	0	0	4	0	5	2	7
15.0303	Electrical, Electronic and Communications Engin. Te	3	12	3	12	3	8	0	165	1	188	16	204
15.0304	Laser and Optical Tech./Technician	0	0	0	0	0	0	0	1	0	1	0	1
15.0399	Electrical and Electronic Engin.-Related Technol./Te	0	0	1	0	0	0	0	26	2	27	2	29
15.0401	Biomedical Engineering-Related Tech./Technician	0	0	0	1	0	0	0	9	0	8	2	10
15.0402	Computer Main. Tech./Technician	0	0	0	1	0	0	0	10	0	11	0	11
15.0403	Electromechanical Tech./Technician	0	1	1	0	1	1	0	17	0	20	0	20
15.0404	Instrumentation Tech./Technician	0	1	0	0	0	0	0	2	2	4	1	5
15.0405	Robotics Tech./Technician	0	1	0	0	0	0	0	25	1	23	4	27
15.0499	Electromechanical Instrumentation and Main. Techn	0	0	0	0	0	0	0	3	0	3	0	3

**TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				TOTAL		
		Alien	Black	Indian	Asian	Hispanic	White	Unknown	Men	Women	Students	Men	Women
15.0501	Heating, Air Conditioning and Refrigeration Tech./T	0	1	1	0	0	46	12	54	6	60	54	6
15.0503	Energy Management and Systems Tech./Technician	0	1	0	0	0	4	2	7	0	7	7	0
15.0506	Water Quality and Wastewater Treatment Tech./Tec	0	0	0	0	0	8	1	6	3	9	6	3
15.0507	Environmental and Pollution Control Tech./Technici	0	1	0	0	0	5	0	2	4	6	2	4
15.0603	Industrial/Manufacturing Tech./Technician	0	4	0	1	1	113	16	110	25	135	110	25
15.0607	Plastics Tech./Technician	0	0	0	1	1	15	0	16	1	17	16	1
15.0611	Metallurgical Tech./Technician	0	0	0	1	0	15	1	13	4	17	13	4
15.0699	Industrial Production Technol./Technicians, Other	4	1	1	1	0	28	3	34	4	38	34	4
15.0702	Quality Control Tech./Technician	0	0	0	0	0	46	3	31	18	49	31	18
15.0803	Automotive Engineering Tech./Technician	0	1	0	0	1	30	0	30	2	32	30	2
15.0805	Mechanical Engineering/Mechanical Tech./Technici	0	0	0	1	0	23	1	21	4	25	21	4
15.0899	Mechanical Engineering-Related Technol./Technicia	0	0	0	1	0	34	1	34	2	36	34	2
15.1001	Construction/Building Tech./Technician	0	1	0	0	0	4	1	5	1	6	5	1
15.1101	Engineering-Related Tech./Technician, General	0	0	0	0	0	2	0	1	1	2	1	1
15.1102	Surveying	0	0	0	0	1	6	0	5	2	7	5	2
15.1103	Hydraulic Tech./Technician	0	0	0	0	0	0	1	1	0	1	1	0
15.9999	Engineering-Related Technol./Technicians, Other	1	3	1	1	1	65	1	54	19	73	54	19
16.0101	Foreign Languages and Literatures, General	0	0	0	0	1	5	0	0	6	6	0	6
19.0705	Gerontological Services	0	1	0	0	0	21	0	0	22	22	0	22
20.0201	Child Care and Guidance Workers and Managers, Ge	0	21	1	1	1	126	4	0	154	154	0	154
20.0202	Child Care Provider/Assistant	0	18	2	2	1	157	1	2	179	181	2	179
20.0203	Child Care Services Manager	1	0	0	0	0	7	0	0	8	8	0	8
20.0299	Child Care and Guidance Workers and Managers, Ot	0	0	0	0	0	3	0	0	3	3	0	3

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**TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	White	Unknown	Men	Women			
20.0401	Institutional Food Workers and Administrators, Gene	0	0	0	3	0	20	0	10	13	23		
20.0404	Dietician Assistant	0	3	0	0	0	1	0	1	3	4		
20.0409	Institutional Food Services Administrator	0	2	0	0	0	14	0	6	10	16		
20.0499	Institutional Food Workers and Administrators, Other	0	0	0	2	0	11	0	7	6	13		
20.0501	Home Furnishings and Equipment Installers and Con	0	1	0	0	0	9	0	0	10	10		
20.0599	Home Furnishings and Equipment Installers and Con	0	0	0	0	0	6	0	0	6	6		
22.0102	Pre-Law Studies	0	0	0	0	3	20	1	11	13	24		
22.0103	Paralegal/Legal Assistant	0	10	1	3	3	168	3	19	169	188		
23.0101	English Language and Literature, General	0	0	0	0	1	9	0	5	5	10		
23.1001	Speech and Rhetorical Studies	0	0	0	0	0	3	0	1	2	3		
24.0101	Liberal Arts and Sciences/Liberal Studies	44	487	41	59	92	3,461	99	1401	2882	4283		
24.0102	General Studies	19	201	21	42	34	1,801	80	852	1346	2198		
24.0103	Humanities/Humanistic Studies	0	0	1	0	0	32	0	8	25	33		
24.0199	Liberal Art and Sciences, General Studies and Huma	3	6	0	3	1	75	1	43	46	89		
25.0301	Library Assistant	0	0	0	0	0	8	0	0	8	8		
26.0101	Biology, General	0	2	0	0	1	23	0	8	18	26		
26.0616	Biotechnology Research	1	0	0	0	0	3	0	2	2	4		
27.0101	Mathematics	0	0	0	1	0	6	0	5	2	7		
30.0101	Biological and Physical Sciences	0	0	0	0	1	10	0	5	6	11		
31.0301	Parks, Recreation and Leisure Facilities Management	0	0	0	0	0	11	0	10	1	11		
31.0504	Sport and Fitness Administration/Management	0	0	0	0	0	2	0	0	2	2		
40.0101	Physical Sciences, General	1	24	4	4	9	194	30	135	131	266		
40.0501	Chemistry, General	0	0	0	0	0	7	0	3	4	7		

**TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident						Total			
		Alien	Black	Indian	Asian	Hispanic	White	Unknown	Men	Women	Total Students
40.0599	Chemistry, Other	0	0	0	0	0	3	0	1	2	3
40.0601	Geology	0	0	0	0	1	1	0	1	1	2
40.0801	Physics, General	0	0	0	1	0	2	0	2	1	3
41.0205	Nuclear/Nuclear Power Tech./Technician	0	0	0	0	0	5	0	5	0	5
41.0301	Chemical Tech./Technician	0	1	0	0	0	7	0	2	6	8
41.9999	Science Technol./Technicians, Other	0	1	0	0	0	4	0	3	2	5
42.0101	Psychology, General	0	2	1	0	1	42	211	223	34	257
42.1601	Social Psychology	0	0	0	1	0	9	0	1	9	10
43.0102	Corrections/Correctional Administration	0	33	0	0	4	91	3	55	76	131
43.0103	Criminal Justice/Law Enforcement Administration	0	13	0	0	0	65	8	61	25	86
43.0104	Criminal Justice Studies	0	2	1	0	1	47	0	25	26	51
43.0106	Forensic Tech./Technician	0	1	0	0	0	1	0	1	1	2
43.0107	Law Enforcement/Police Science	0	12	6	6	8	426	3	346	115	461
43.0109	Security and Loss Prevention Services	0	0	0	0	0	3	0	3	0	3
43.0199	Criminal Justice and Corrections, Other	0	0	1	0	0	25	1	18	9	27
43.0201	Fire Protection and Safety Tech./Technician	0	0	1	0	0	72	8	78	3	81
43.0203	Fire Science/Firefighting	0	0	0	0	0	25	0	22	3	25
43.0299	Fire Protection, Other	0	0	0	0	0	1	0	1	0	1
44.0201	Community Organization, Resources and Services	0	1	0	0	1	3	0	2	3	5
44.0701	Social Work	0	9	0	0	3	37	0	7	42	49
45.0101	Social Sciences, General	1	0	0	0	0	10	0	3	8	11
45.0601	Economics, General	0	0	0	0	0	1	0	1	0	1
45.0701	Geography	0	0	0	0	0	1	0	0	1	1

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TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98

CIP CODE	Program Name	Non-Resident						White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	American Indian	Asian	Hispanic	White			MEN	WOMEN	
45.0801	History, General	0	0	0	0	0	5	0	0	4	1	5
45.1101	Sociology	0	0	0	0	0	5	0	0	1	4	5
46.0201	Carpenter	0	0	0	0	0	1	0	0	1	0	1
46.0302	Electrician	0	0	0	0	0	12	0	0	12	0	12
46.0303	Lineworker	0	0	0	1	0	7	0	0	8	0	8
46.0408	Painter and Wall Coverer	0	0	0	0	0	1	0	0	1	0	1
46.0499	Construction and Building Finishers and Managers,	0	0	0	0	0	3	0	0	2	1	3
46.0501	Plumber and Pipefitter	0	0	1	0	0	17	6	6	20	4	24
46.9999	Construction Trades, Other	0	0	0	0	0	20	0	0	20	0	20
47.0101	Electrical and Electronics Equipment Installer and R	0	6	2	0	0	28	5	5	34	7	41
47.0103	Communication Systems Installer and Repairer	0	0	0	0	1	7	1	1	6	3	9
47.0105	Industrial Electronics Installer and Repairer	0	5	0	0	1	24	18	18	41	7	48
47.0199	Electrical and Electronics Equipment Installer and R	0	1	0	0	0	2	0	0	2	1	3
47.0201	Heating, Air Conditioning and Refrigeration Mechani	0	3	0	3	1	36	1	1	44	0	44
47.0303	Industrial Machinery Main. and Repairer	0	1	1	0	0	38	18	18	54	4	58
47.0399	Industrial Equipment Main. and Repairers, Other	0	0	0	0	0	3	0	0	3	0	3
47.0401	Instrument Calibration and Repairer	0	0	0	0	0	6	0	0	5	1	6
47.0499	Miscellaneous Mechanics and Repairers, Other	0	0	0	1	2	3	0	0	5	1	6
47.0501	Stationary Energy Sources Installer and Operator	0	0	0	0	0	7	0	0	7	0	7
47.0603	Auto/Automotive Body Repairer	0	0	0	0	0	7	1	1	8	0	8
47.0604	Auto/Automotive Mechanic/Technician	0	14	2	6	1	154	6	6	175	8	183

**TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	American Indian	Asian	Hispanic			Men	Women	
47.0607	Aircraft Mechanic/Technician, Airframe	1	2	1	0	0	19	0	23	0	23
47.0609	Aviation Systems and Avionics Main. Technologist/Te	0	0	0	0	0	1	0	1	0	1
47.0699	Vehicle and Mobile Equipment Mechanics and Repal	0	0	0	0	0	1	1	2	0	2
47.9999	Mechanics and Repairers, Other	0	0	0	0	0	5	0	5	0	5
48.0101	Drafting, General	1	4	3	12	4	216	1	184	57	241
48.0102	Architectural Drafting	0	4	0	2	3	26	0	22	13	35
48.0105	Mechanical Drafting	1	13	0	9	6	326	19	258	116	374
48.0199	Drafting, Other	0	0	0	0	0	1	0	0	1	1
48.0201	Graphic and Printing Equipment Operator, General	0	0	0	0	0	18	0	6	12	18
48.0206	Lithographer and Platemaker	0	0	0	0	0	3	0	1	2	3
48.0299	Graphic and Printing Equipment Operators, Other	0	0	0	0	0	7	0	5	2	7
48.0501	Machinist/Machine Technologist	0	7	0	2	4	90	8	93	18	111
48.0503	Machine Shop Assistant	1	3	0	2	0	63	15	74	10	84
48.0507	Tool and Die Maker/Technologist	0	5	0	0	1	79	16	89	12	101
48.0508	Welder/Welding Technologist	0	0	1	1	0	41	7	48	2	50
48.0599	Precision Metal Workers, Other	0	0	0	0	1	7	0	8	0	8
48.0799	Woodworkers, Other	0	0	0	0	0	0	1	1	0	1
48.9999	Precision Production Trades, Other	0	1	0	0	0	21	2	22	2	24
49.0102	Aircraft Pilot and Navigator (Professional)	0	0	0	0	0	21	1	18	4	22
49.0104	Aviation Management	0	0	0	0	0	2	0	2	0	2
49.0107	Aircraft Pilot (Private)	0	0	0	0	0	1	0	0	1	1
49.0205	Truck, Bus and Other Commercial Vehicle Operator	0	0	0	0	0	2	0	2	0	2

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**TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident					White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	American Indian	Asian	Hispanic			MEN	WOMEN	
49.0299	Vehicle and Equipment Operators, Other	0	0	0	0	0	1	0	0	1	1
49.0309	Marine Science/Merchant Marine Officer	0	0	0	0	0	20	0	19	1	20
49.0399	Water Transportation Workers, Other	0	0	0	0	0	3	0	3	0	3
49.9999	Transportation and Materials Moving Workers, Other	0	0	0	0	0	4	0	1	3	4
50.0101	Visual and Performing Arts	0	0	0	0	0	3	1	1	3	4
50.0301	Dance	0	0	0	0	0	1	0	0	1	1
50.0402	Graphic Design, Commercial Art and Illustration	1	0	2	7	0	166	6	59	123	182
50.0408	Interior Design	0	1	0	0	0	6	0	0	7	7
50.0501	Drama/Theater Arts, General	0	1	0	0	0	8	0	3	6	9
50.0605	Photography	0	0	0	1	1	15	1	5	13	18
50.0701	Art, General	0	0	0	0	0	21	0	7	14	21
50.0702	Fine/Studio Arts	0	0	0	0	0	1	0	0	1	1
50.0711	Ceramics Arts and Ceramics	0	0	0	0	0	1	0	0	1	1
50.0799	Fine Arts and Art Studies, Other	0	0	0	0	0	1	0	0	1	1
50.0901	Music, General	1	0	0	0	0	0	0	1	0	1
50.0903	Music - General Performance	0	0	0	0	0	1	0	1	0	1
50.0904	Music Theory and Composition	0	0	0	0	0	1	1	0	2	2
50.0907	Music - Piano and Organ Performance	0	0	0	0	0	1	0	1	0	1
50.0908	Music - Voice and Choral/Opera Performance	0	0	0	0	0	1	0	0	1	1
50.9999	Visual and Performing Arts, Other	0	0	0	0	0	5	0	1	4	5
51.0205	Sign Language Interpreter	0	2	1	0	0	26	0	1	28	29
51.0301	Community Health Liaison	1	18	0	0	1	15	1	8	28	36
51.0601	Dental Assistant	0	9	1	0	4	89	3	2	104	106
51.0602	Dental Hygienist	1	4	2	1	4	156	4	3	169	172
51.0699	Dental Services, Other	0	0	0	0	0	2	0	0	2	2
51.0701	Health System/Health Services Administration	0	6	0	0	0	3	0	3	6	9
51.0703	Health Unit Coordinator/Ward Clerk	0	1	0	0	0	2	0	0	3	3
51.0707	Medical Records Tech./Technician	0	6	0	0	0	46	3	2	53	55
51.0708	Medical Transcription	0	2	0	0	1	11	0	1	13	14
51.0801	Medical Assistant	0	3	1	5	0	150	2	2	159	161

TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98

CIP CODE	Program Name	Non-Resident						TOTAL			
		Resident Alien	Black	American Indian	Asian	Hispanic	White	Unknown	MEN	WOMEN	STUDENTS
51.0803	Occupational Therapy Assistant	0	10	0	1	0	72	2	3	82	85
51.0805	Pharmacy Technician/Assistant	2	1	0	1	0	9	1	1	13	14
51.0806	Physical Therapy Assistant	0	2	0	2	3	83	1	14	77	91
51.0808	Veterinarian Assistant/Animal Health Technician	0	0	0	0	0	55	3	1	57	58
51.0904	Emergency Medical Tech./Technician	2	6	0	1	3	129	1	71	71	142
51.0907	Medical Radiologic Tech./Technician	2	10	1	5	4	134	2	31	127	158
51.0908	Respiratory Therapy Technician	2	11	1	3	1	126	7	26	125	151
51.0909	Surgical/Operating Room Technician	0	4	0	0	1	40	0	3	42	45
51.0910	Diagnostic Medical Sonography	0	2	0	0	0	35	0	0	37	37
51.1004	Medical Laboratory Technician	0	1	0	0	0	2	0	0	3	3
51.1005	Medical Technology	0	0	0	0	0	27	0	8	19	27
51.1101	Pre-Dentistry Studies	0	0	0	0	0	4	0	2	2	4
51.1102	Pre-Medicine Studies	0	0	0	1	0	17	0	6	12	18
51.1103	Pre-Pharmacy Studies	1	0	0	2	0	16	0	5	14	19
51.1104	Pre-Veterinary Studies	1	1	0	0	0	15	0	1	16	17
51.1201	Medicine (M.D.)	0	1	0	0	0	4	0	2	3	5
51.1501	Alcohol/Drug Abuse Counseling	0	1	0	0	0	1	0	0	2	2
51.1502	Psychiatric/Mental Health Services Technician	0	3	1	5	1	38	5	8	45	53
51.1599	Mental Health Services, Other	0	7	0	0	0	59	0	8	58	66
51.1601	Nursing (R.N. Training)	3	153	14	14	32	1,572	43	195	1636	1831

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**TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident							TOTAL		TOTAL STUDENTS
		Alien	Black	American Indian	Asian	Hispanic	White	Unknown	MEN	WOMEN	
51.1605	Nursing, Family Practice (Post-R.N.)	0	0	0	0	0	4	0	0	4	4
51.1613	Practical Nurse (L.P.N. Training)	3	24	10	4	2	568	3	42	572	614
51.1614	Nurse Assistant/Aide	0	0	0	0	0	1	0	0	1	1
51.1699	Nursing, Other	0	3	0	0	0	18	0	3	18	21
51.1701	Optometry (O.D.)	0	0	0	0	0	5	0	0	5	5
51.2299	Public Health, Other	0	0	0	0	0	3	0	0	3	3
51.2304	Movement Therapy	0	0	0	0	0	4	0	1	3	4
51.2306	Occupational Therapy	0	0	0	0	2	9	0	0	11	11
51.2308	Physical Therapy	0	0	0	0	0	10	1	4	7	11
51.2601	Health Aide	0	3	0	0	0	10	1	0	14	14
51.9999	Health Professions and Related Sciences, Other	0	1	0	0	0	5	1	2	5	7
52.0101	Business, General	3	44	0	5	9	471	27	178	381	559
52.0201	Business Administration and Management, General	2	64	7	13	9	693	10	259	539	798
52.0204	Office Supervision and Management	0	1	0	0	1	10	0	1	11	12
52.0205	Operations Management and Supervision	0	1	0	0	0	11	1	12	1	13
52.0299	Business Administration and Management, Other	0	0	0	0	0	12	0	4	8	12
52.0301	Accounting	1	4	0	11	0	118	6	17	123	140
52.0302	Accounting Technician	0	14	2	9	5	289	6	57	268	325
52.0399	Accounting, Other	0	0	0	0	1	5	0	3	3	6
52.0401	Administrative Assistant/Secretarial Science, Gener	1	10	1	2	4	130	2	5	145	150
52.0402	Executive Assistant/Secretary	0	5	2	0	0	72	0	1	78	79
52.0403	Legal Administrative Assistant/Secretary	0	5	0	0	1	32	1	0	39	39

**TABLE 22: MICHIGAN COMMUNITY COLLEGES  
AWARDS CONFERRED BY RACE, GENDER, AND CIPCODE, 1997-98**

CIP CODE	Program Name	Non-Resident						White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	Men			Women		
52.0404	Medical Administrative Assistant/Secretary	0	5	1	0	1	70	2	0	79	79	
52.0405	Court Reporter	0	1	0	1	2	12	0	1	15	16	
52.0406	Receptionist	0	0	0	0	0	8	0	1	7	8	
52.0407	Information Processing/Data Entry Technician	0	1	0	15	2	38	2	17	41	58	
52.0408	General Office/Clerical and Typing Services	0	5	0	1	1	36	0	0	43	43	
52.0499	Administrative and Secretarial Services, Other	0	1	1	0	0	5	0	1	6	7	
52.0701	Enterprise Management and Operation, General	0	3	0	0	0	23	0	7	19	26	
52.0801	Finance, General	0	0	0	0	0	5	0	0	5	5	
52.0803	Banking and Financial Support Services	1	0	0	1	1	13	1	1	16	17	
52.0901	Hospitality/Administration Management	1	1	1	0	0	5	0	2	6	8	
52.0902	Hotel/Motel and Restaurant Management	1	0	0	3	0	15	0	8	11	19	
52.0903	Travel-Tourism Management	3	0	0	2	1	8	0	0	14	14	
52.0999	Hospitality Services Management, Other	0	0	0	0	0	2	0	1	1	2	
52.1001	Human Resources Management	0	0	0	0	0	6	0	2	4	6	
52.1002	Labor/Personnel Relations and Studies	0	0	0	0	0	3	0	1	2	3	
52.1101	International Business	1	1	0	0	0	3	0	1	4	5	
52.1201	Management Information Systems and Business Dat	1	5	1	2	1	55	3	32	36	68	
52.1202	Business Computer Programming/Programmer	0	2	0	0	0	14	0	10	6	16	
52.1203	Business Systems Analysis and Design	0	2	0	3	0	5	1	5	6	11	
52.1204	Business Systems Networking and Telecommunicatio	0	0	0	0	0	4	0	4	0	4	
52.1205	Business Computer Facilities Operator	1	0	0	0	0	17	0	7	11	18	
52.1299	Business Information and Data Processing Services,	0	0	0	0	0	1	0	1	0	1	
52.1301	Management Science	0	1	0	0	0	3	0	3	1	4	
52.1401	Business Marketing and Marketing Management	0	6	0	0	0	58	0	13	51	64	
52.1501	Real Estate	0	1	0	0	0	2	0	1	2	3	
52.9999	Business Management and Administrative Services,	1	3	1	1	0	49	0	13	42	55	
TOTAL		136	1,576	163	343	325	16,685	826	7,344	12,710	20,054	

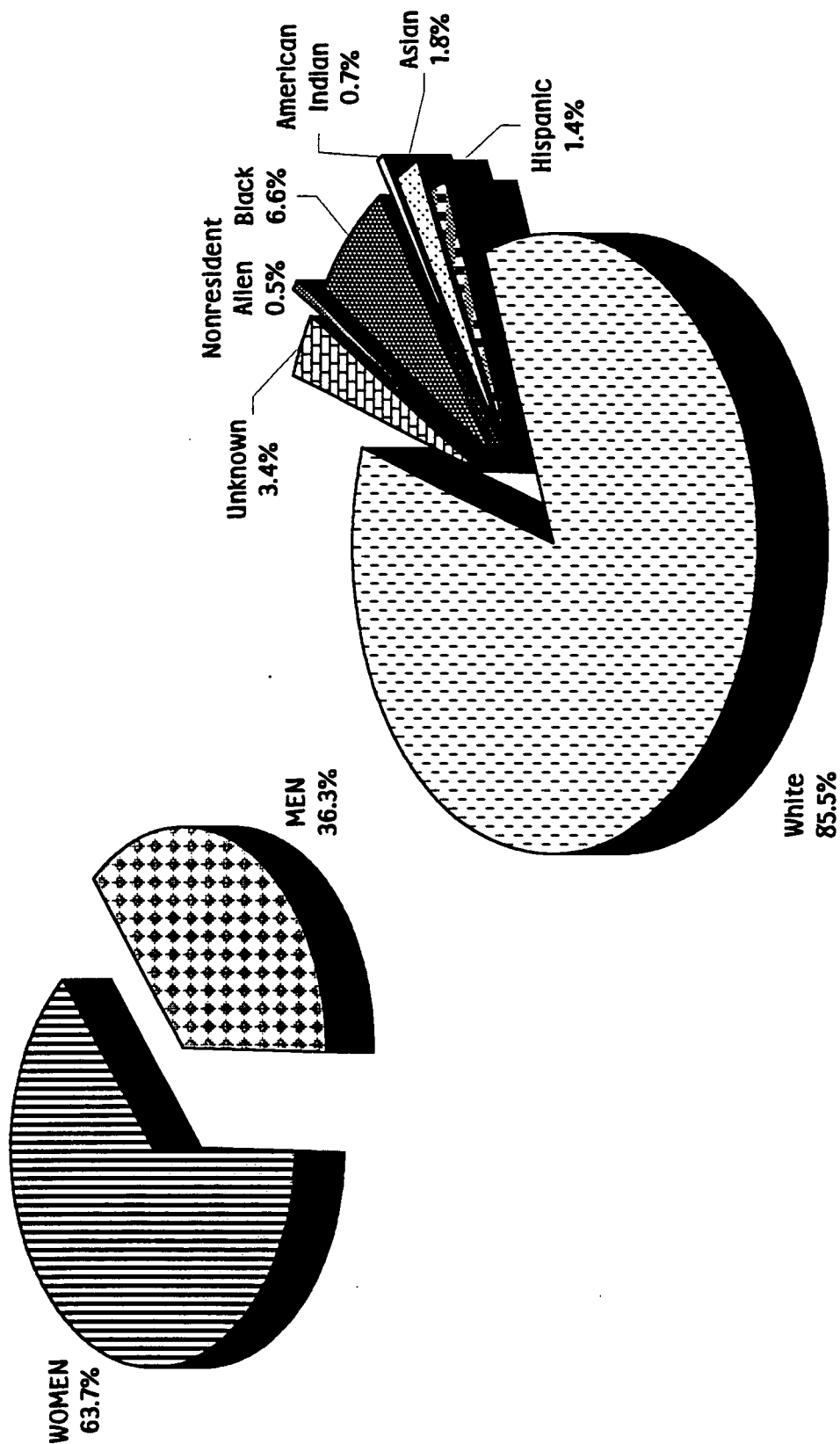
**TABLE 23: MICHIGAN COMMUNITY COLLEGES  
TOP TWENTY PROGRAMS IN WHICH THE GREATEST NUMBER OF DEGREES WERE CONFERRED, 1997-98**

CIP CODE	Program Name	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Hispanic	White	Unknown	Men	Women			Men	Women	
24.0101	Liberal Arts and Sciences/Liberal Studies	44	487	41	59	92	3,461	99	1401	2882			1401	2882	4283
24.0102	General Studies	19	201	21	42	34	1,801	80	852	1346			852	1346	2198
51.1601	Nursing (R.N. Training)	3	153	14	14	32	1,572	43	195	1636			195	1636	1831
52.0201	Business Administration and Management, General	2	64	7	13	9	693	10	259	539			259	539	798
51.1613	Practical Nurse (L.P.N. Training)	3	24	10	4	2	568	3	42	572			42	572	614
52.0101	Business, General	3	44	0	5	9	471	27	178	381			178	381	559
43.0107	Law Enforcement/Police Science	0	12	6	6	8	426	3	346	115			346	115	461
13.0101	Education, General	3	29	4	0	4	347	9	145	251			145	251	396
48.0105	Mechanical Drafting	1	13	0	9	6	326	19	258	116			258	116	374
52.0302	Accounting Technician	0	14	2	9	5	289	6	57	268			57	268	325
40.0101	Physical Sciences, General	1	24	4	4	9	194	30	135	131			135	131	266
42.0101	Psychology, General	0	2	1	0	1	42	211	223	34			223	34	257
48.0101	Drafting, General	1	4	3	12	4	216	1	184	57			184	57	241
11.0201	Computer Programming	3	44	1	9	2	158	14	97	134			97	134	231
15.0303	Electrical, Electronic and Communications Engin. Te	3	12	3	12	8	165	1	188	16			188	16	204
22.0103	Paralegal/Legal Assistant	0	10	1	3	3	168	3	19	169			19	169	188
47.0604	Auto/Automotive Mechanic/Technician	0	14	2	6	1	154	6	175	8			175	8	183
50.0402	Graphic Design, Commercial Art and Illustration	1	0	2	7	0	166	6	59	123			59	123	182
20.0202	Child Care Provider/Assistant	0	18	2	2	1	157	1	2	179			2	179	181
51.0602	Dental Hygienist	1	4	2	1	4	156	4	3	169			3	169	172
															13,944

*Twenty programs accounted for 13,944 degrees (69.53%) out of 20,054*

*Students received degrees in 276 programs*

# OCCUPATIONAL DEGREES CONFERRED 1997-98





**TABLE 24: MICHIGAN COMMUNITY COLLEGES  
TOTAL OCCUPATIONAL DEGREES CONFERRED BY COLLEGE, RACE, AND GENDER, 1997-98**

[illegible]

**1996-97**

621

221

11,885  
3/17/99  
8:00 AM

**TABLE 25: MICHIGAN COMMUNITY COLLEGES  
TOTAL OCCUPATIONAL DEGREES CONFERRED BY CIPCODE AND RACE, 1997-98**

CIP CODE	Program Name	Non-Resident						White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Hispanic	White			Men	Women	
01.0605	Landscaping Operations and Management	0	0	0	0	0	14	0	0	5	9	14
01.0607	Turf Management	0	0	0	0	0	1	0	0	1	0	1
03.0299	Natural Resources Management and Protective Ser	0	0	0	0	0	1	0	0	1	0	1
04.0201	Architecture	0	0	0	0	0	1	0	0	1	0	1
08.0102	Fashion Merchandising	0	0	0	1	1	6	0	0	0	8	8
08.0204	Business Services Marketing Operations	0	0	0	0	0	2	0	0	1	1	2
08.0705	General Retailing Operations	0	0	0	0	0	2	0	0	1	1	2
08.0706	General Selling Skills and Sales Operations	0	6	0	0	1	21	6	0	27	7	34
08.0708	General Marketing Operations	1	1	0	0	0	24	0	0	12	14	26
08.0799	General Retailing and Wholesaling Operations and S	2	0	0	0	0	3	0	0	4	1	5
08.1001	Insurance Marketing Operations	0	0	0	0	0	1	0	0	0	1	1
09.0401	Journalism	0	0	0	0	0	1	0	0	0	1	1
09.0402	Broadcast Journalism	0	0	0	0	0	1	0	0	1	0	1
10.0103	Photographic Tech./Technician	0	0	0	0	0	27	1	1	14	14	28
10.0104	Radio and Television Broadcasting Tech./Technician	0	2	0	0	0	18	0	0	13	7	20
10.0199	Communications Technol./Technicians, Other	0	0	0	0	0	7	0	0	6	1	7
11.0201	Computer Programming	3	44	1	9	2	158	14	0	97	134	231
11.0301	Data Processing Tech./Technician	0	0	0	2	0	27	0	0	7	22	29
11.9999	Computer and Information Sciences, Other	3	6	0	0	1	42	0	0	15	37	52
12.0301	Funeral Services and Mortuary Science	0	0	0	0	0	1	0	0	1	0	1
12.0401	Cosmetic Services, General	0	0	0	0	0	1	0	0	0	1	1
12.0403	Cosmetologist	0	3	0	0	0	27	0	0	2	28	30
12.0405	Massage	0	0	1	0	0	5	0	0	0	6	6
12.0499	Cosmetic Services, Other	0	0	0	0	0	4	0	0	0	4	4
12.0501	Baker/Pastry Chef	1	0	0	0	0	4	0	0	2	3	5
12.0503	Culinary Arts/Chef Training	1	11	1	0	2	97	5	0	66	51	117

*Students received degrees in 207 occupational programs.*

**TABLE 25: MICHIGAN COMMUNITY COLLEGES  
TOTAL OCCUPATIONAL DEGREES CONFERRED BY CIPCODE AND RACE, 1997-98**

CIP CODE	Program Name	Non-Resident						Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	White		MEN	WOMEN	
12.0504	Food and Beverage/Restaurant Operations Manage	1	3	0	0	0	6	1	6	5	11
12.0505	Kitchen Personnel/Cook and Assistant Training	0	0	0	0	0	6	0	2	4	6
13.1204	Pre-Elementary/Early Childhood/Kindergarten Teac	0	4	0	1	1	38	0	0	44	44
13.1324	Drama and Dance Teacher Education	0	0	0	0	0	2	0	0	2	2
13.1501	Teacher Assistant/Alde	0	0	0	0	0	7	0	1	6	7
15.0101	Architectural Engineering Tech./Technician	0	2	0	0	2	56	2	45	17	62
15.0201	Civil Engineering/Civil Tech./Technician	0	0	0	3	0	25	0	25	3	28
15.0301	Computer Engineering Tech./Technician	0	3	0	0	0	4	0	5	2	7
15.0303	Electrical, Electronic and Communications Engin. Te	3	12	3	12	8	165	1	188	16	204
15.0304	Laser and Optical Tech./Technician	0	0	0	0	0	1	0	1	0	1
15.0399	Electrical and Electronic Engin.-Related Technol./Te	0	0	1	0	0	26	2	27	2	29
15.0401	Biomedical Engineering-Related Tech./Technician	0	0	0	1	0	9	0	8	2	10
15.0402	Computer Main. Tech./Technician	0	0	0	1	0	10	0	11	0	11
15.0403	Electromechanical Tech./Technician	0	1	1	0	1	17	0	20	0	20
15.0404	Instrumentation Tech./Technician	0	1	0	0	0	2	2	4	1	5
15.0405	Robotics Tech./Technician	0	1	0	0	0	25	1	23	4	27
15.0499	Electromechanical Instrumentation and Main. Techn	0	0	0	0	0	3	0	3	0	3
15.0501	Heating, Air Conditioning and Refrigeration Tech./T	0	1	1	0	0	46	12	54	6	60
15.0503	Energy Management and Systems Tech./Technician	0	1	0	0	0	4	2	7	0	7
15.0506	Water Quality and Wastewater Treatment Tech./Tec	0	0	0	0	0	8	1	6	3	9
15.0507	Environmental and Pollution Control Tech./Technici	0	1	0	0	0	3	0	2	2	4
15.0603	Industrial/Manufacturing Tech./Technician	0	4	0	1	1	113	16	110	25	135
15.0607	Plastics Tech./Technician	0	0	0	1	1	15	0	16	1	17
15.0611	Metallurgical Tech./Technician	0	0	0	1	0	15	1	13	4	17
15.0699	Industrial Production Technol./Technicians, Other	4	1	1	1	0	28	3	34	4	38
15.0702	Quality Control Tech./Technician	0	0	0	0	0	46	3	31	18	49

**TABLE 25: MICHIGAN COMMUNITY COLLEGES  
TOTAL OCCUPATIONAL DEGREES CONFERRED BY CIPCODE AND RACE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Allen	Black	Indian	Asian	Hispanic	Black	Indian	Asian	Hispanic			MEN	WOMEN	
15.0803	Automotive Engineering Tech./Technician	0	1	0	0	0	1	0	0	1	30	0	30	2	32
15.0805	Mechanical Engineering/Mechanical Tech./Technician	0	0	0	1	0	0	0	0	0	23	1	21	4	25
15.0899	Mechanical Engineering-Related Technol./Technician	0	0	0	0	0	0	0	0	0	34	1	34	2	36
15.1001	Construction/Building Tech./Technician	0	0	0	0	0	0	0	0	0	4	0	4	0	4
15.1101	Engineering-Related Tech./Technician, General	0	0	0	0	0	0	0	0	0	2	0	1	1	2
15.1102	Surveying	0	0	0	0	1	0	0	0	0	6	0	5	2	7
15.1103	Hydraulic Tech./Technician	0	0	0	0	0	0	0	0	0	0	1	1	0	1
15.9999	Engineering-Related Technol./Technicians, Other	1	3	1	1	1	3	1	1	1	65	1	54	19	73
19.0705	Gerontological Services	0	1	0	0	0	1	0	0	0	21	0	0	22	22
20.0201	Child Care and Guidance Workers and Managers, Ge	0	21	1	1	1	21	1	1	1	126	4	0	154	154
20.0202	Child Care Provider/Assistant	0	18	2	2	1	18	2	1	1	157	1	2	179	181
20.0203	Child Care Services Manager	1	0	0	0	0	0	0	0	0	7	0	0	8	8
20.0299	Child Care and Guidance Workers and Managers, Ot	0	0	0	0	0	0	0	0	0	3	0	0	3	3
20.0401	Institutional Food Workers and Administrators, Gene	0	0	0	3	0	0	0	0	0	20	0	10	13	23
20.0404	Dietician Assistant	0	3	0	0	0	3	0	0	0	1	0	1	3	4
20.0409	Institutional Food Services Administrator	0	2	0	0	0	2	0	0	0	14	0	6	10	16
20.0499	Institutional Food Workers and Administrators, Other	0	0	0	2	0	0	0	0	0	11	0	7	6	13
20.0501	Home Furnishings and Equipment Installers and Con	0	1	0	0	0	1	0	0	0	9	0	0	10	10
20.0599	Home Furnishings and Equipment Installers and Con	0	0	0	0	0	0	0	0	0	6	0	0	6	6
22.0103	Paralegal/Legal Assistant	0	10	1	3	3	10	1	3	3	168	3	19	169	188
25.0301	Library Assistant	0	0	0	0	0	0	0	0	0	8	0	0	8	8
31.0301	Parks, Recreation and Leisure Facilities Management	0	0	0	0	0	0	0	0	0	11	0	10	1	11
41.0205	Nuclear/Nuclear Power Tech./Technician	0	0	0	0	0	0	0	0	0	5	0	5	0	5
41.0301	Chemical Tech./Technician	0	1	0	0	0	1	0	0	0	7	0	2	6	8
41.9999	Science Technol./Technicians, Other	0	1	0	0	0	1	0	0	0	4	0	3	2	5
43.0103	Criminal Justice/Law Enforcement Administration	0	9	0	0	0	9	0	0	0	37	8	42	12	54
43.0106	Forensic Tech./Technician	0	1	0	0	0	1	0	0	0	1	0	1	1	2

**TABLE 25: MICHIGAN COMMUNITY COLLEGES  
TOTAL OCCUPATIONAL DEGREES CONFERRED BY CIPCODE AND RACE, 1997-98**

CIP CODE	Program Name	Non-Resident					American				White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	Indian	Asian	Hispanic	Black	Indian	Asian	Hispanic			MEN	WOMEN	
43.0107	Law Enforcement/Police Science	0	12	6	6	8	426	3					346	115	461
43.0109	Security and Loss Prevention Services	0	0	0	0	0	3	0					3	0	3
43.0199	Criminal Justice and Corrections, Other	0	0	0	0	0	24	0					18	6	24
43.0201	Fire Protection and Safety Tech./Technician	0	0	1	0	0	72	8					78	3	81
43.0203	Fire Science/Firefighting	0	0	0	0	0	25	0					22	3	25
43.0299	Fire Protection, Other	0	0	0	0	0	1	0					1	0	1
46.0201	Carpenter	0	0	0	0	0	1	0					1	0	1
46.0302	Electrician	0	0	0	0	0	12	0					12	0	12
46.0303	Lineworker	0	0	0	1	0	7	0					8	0	8
46.0408	Painter and Wall Coverer	0	0	0	0	0	1	0					1	0	1
46.0499	Construction and Building Finishers and Managers,	0	0	0	0	0	3	0					2	1	3
46.0501	Plumber and Pipefitter	0	0	1	0	0	17	6					20	4	24
46.9999	Construction Trades, Other	0	0	0	0	0	20	0					20	0	20
47.0101	Electrical and Electronics Equipment Installer and R	0	6	2	0	0	28	5					34	7	41
47.0103	Communication Systems Installer and Repairer	0	0	0	0	1	7	1					6	3	9
47.0105	Industrial Electronics Installer and Repairer	0	5	0	0	1	24	18					41	7	48
47.0199	Electrical and Electronics Equipment Installer and R	0	1	0	0	0	2	0					2	1	3
47.0201	Heating, Air Conditioning and Refrigeration Mechani	0	3	0	3	1	36	1					44	0	44
47.0303	Industrial Machinery Main. and Repairer	0	1	1	0	0	38	18					54	4	58
47.0399	Industrial Equipment Main. and Repairers, Other	0	0	0	0	0	3	0					3	0	3
47.0401	Instrument Calibration and Repairer	0	0	0	0	0	6	0					5	1	6
47.0499	Miscellaneous Mechanics and Repairers, Other	0	0	0	1	2	3	0					5	1	6
47.0501	Stationary Energy Sources Installer and Operator	0	0	0	0	0	7	0					7	0	7
47.0603	Auto/Automotive Body Repairer	0	0	0	0	0	7	1					8	0	8
47.0604	Auto/Automotive Mechanic/Technician	0	14	2	6	1	154	6					175	8	183
47.0607	Aircraft Mechanic/Technician, Airframe	1	2	1	0	0	19	0					23	0	23
47.0609	Aviation Systems and Avionics Main. Technologist/Te	0	0	0	0	0	1	0					1	0	1

**TABLE 25: MICHIGAN COMMUNITY COLLEGES  
TOTAL OCCUPATIONAL DEGREES CONFERRED BY CIPCODE AND RACE, 1997-98**

CIP CODE	Program Name	Non-Resident						White	Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	American Indian	Asian	Hispanic	White			MEN	WOMEN	
47.0699	Vehicle and Mobile Equipment Mechanics and Repair	0	0	0	0	0	1	1	1	2	0	2
47.9999	Mechanics and Repairers, Other	0	0	0	0	0	5	0	0	5	0	5
48.0101	Drafting, General	1	4	3	12	4	216	1	1	184	57	241
48.0102	Architectural Drafting	0	4	0	2	3	26	0	0	22	13	35
48.0105	Mechanical Drafting	1	13	0	9	6	325	19	19	257	116	373
48.0199	Drafting, Other	0	0	0	0	0	1	0	0	0	1	1
48.0201	Graphic and Printing Equipment Operator, General	0	0	0	0	0	18	0	0	6	12	18
48.0206	Lithographer and Plate-maker	0	0	0	0	0	3	0	0	1	2	3
48.0299	Graphic and Printing Equipment Operators, Other	0	0	0	0	0	7	0	0	5	2	7
48.0501	Machinist/Machine Technologist	0	7	0	2	4	90	8	8	93	18	111
48.0503	Machine Shop Assistant	1	3	0	2	0	63	15	15	74	10	84
48.0507	Tool and Die Maker/Technologist	0	5	0	0	1	79	16	16	89	12	101
48.0508	Welder/Welding Technologist	0	0	1	1	0	41	7	7	48	2	50
48.0599	Precision Metal Workers, Other	0	0	0	0	1	7	0	0	8	0	8
48.0799	Woodworkers, Other	0	0	0	0	0	0	1	1	1	0	1
48.9999	Precision Production Trades, Other	0	1	0	0	0	21	2	2	22	2	24
49.0102	Aircraft Pilot and Navigator (Professional)	0	0	0	0	0	21	1	1	18	4	22
49.0104	Aviation Management	0	0	0	0	0	2	0	0	2	0	2
49.0205	Truck, Bus and Other Commercial Vehicle Operator	0	0	0	0	0	2	0	0	2	0	2
49.0299	Vehicle and Equipment Operators, Other	0	0	0	0	0	1	0	0	0	1	1
49.0309	Marine Science/Merchant Marine Officer	0	0	0	0	0	20	0	0	19	1	20
49.0399	Water Transportation Workers, Other	0	0	0	0	0	3	0	0	3	0	3
49.9999	Transportation and Materials Moving Workers, Other	0	0	0	0	0	4	0	0	1	3	4
50.0301	Dance	0	0	0	0	0	1	0	0	0	1	1
50.0402	Graphic Design, Commercial Art and Illustration	1	0	2	7	0	166	6	6	59	123	182
50.0408	Interior Design	0	1	0	0	0	6	0	0	0	7	7
50.0605	Photography	0	0	0	1	1	11	1	1	4	10	14
50.0702	Fine/Studio Arts	0	0	0	0	0	1	0	0	0	1	1

**TABLE 25: MICHIGAN COMMUNITY COLLEGES  
TOTAL OCCUPATIONAL DEGREES CONFERRED BY CIPCODE AND RACE, 1997-98**

CIP CODE	Program Name	Non-Resident						Unknown	TOTAL		TOTAL STUDENTS
		Alien	Black	American Indian	Asian	Hispanic	White		MEN	WOMEN	
50.0711	Ceramics Arts and Ceramics	0	0	0	0	0	1	0	0	1	1
50.0799	Fine Arts and Art Studies, Other	0	0	0	0	0	1	0	0	1	1
50.0903	Music - General Performance	0	0	0	0	0	1	0	1	0	1
50.0907	Music - Piano and Organ Performance	0	0	0	0	0	1	0	1	0	1
50.0908	Music - Voice and Choral/Opera Performance	0	0	0	0	0	1	0	0	1	1
50.9999	Visual and Performing Arts, Other	0	0	0	0	0	1	0	0	1	1
51.0205	Sign Language Interpreter	0	2	1	0	0	26	0	1	28	29
51.0301	Community Health Liaison	1	18	0	0	1	15	1	8	28	36
51.0601	Dental Assistant	0	9	1	0	4	89	3	2	104	106
51.0602	Dental Hygienist	1	4	2	1	4	156	4	3	169	172
51.0699	Dental Services, Other	0	0	0	0	0	2	0	0	2	2
51.0701	Health System/Health Services Administration	0	6	0	0	0	3	0	3	6	9
51.0703	Health Unit Coordinator/Ward Clerk	0	1	0	0	0	2	0	0	3	3
51.0707	Medical Records Tech./Technician	0	6	0	0	0	46	3	2	53	55
51.0708	Medical Transcription	0	2	0	0	1	11	0	1	13	14
51.0801	Medical Assistant	0	3	1	5	0	150	2	2	159	161
51.0803	Occupational Therapy Assistant	0	10	0	1	0	72	2	3	82	85
51.0805	Pharmacy Technician/Assistant	2	1	0	1	0	9	1	1	13	14
51.0806	Physical Therapy Assistant	0	2	0	2	3	83	1	14	77	91
51.0808	Veterinarian Assistant/Animal Health Technician	0	0	0	0	0	55	3	1	57	58
51.0904	Emergency Medical Tech./Technician	2	6	0	1	3	129	1	71	71	142
51.0907	Medical Radiologic Tech./Technician	2	10	1	5	4	134	2	31	127	158
51.0908	Respiratory Therapy Technician	2	11	1	3	1	126	7	26	125	151
51.0909	Surgical/Operating Room Technician	0	4	0	0	1	40	0	3	42	45
51.0910	Diagnostic Medical Sonography	0	2	0	0	0	35	0	0	37	37
51.1004	Medical Laboratory Technician	0	1	0	0	0	2	0	0	3	3
51.1501	Alcohol/Drug Abuse Counseling	0	1	0	0	0	1	0	0	2	2

**TABLE 25: MICHIGAN COMMUNITY COLLEGES  
TOTAL OCCUPATIONAL DEGREES CONFERRED BY CIPCODE AND RACE, 1997-98**

CIP CODE	Program Name	Non-Resident							TOTAL		TOTAL STUDENTS
		Allen	Black	American Indian	Asian	Hispanic	White	Unknown	MEN	WOMEN	
51.1502	Psychiatric/Mental Health Services Technician	0	3	1	5	1	38	5	8	45	53
51.1599	Mental Health Services, Other	0	7	0	0	0	59	0	8	58	66
51.1601	Nursing (R.N. Training)	3	153	14	11	32	1,562	43	195	1623	1818
51.1613	Practical Nurse (L.P.N. Training)	3	24	10	4	2	568	3	42	572	614
51.1614	Nurse Assistant/Aide	0	0	0	0	0	1	0	0	1	1
51.1699	Nursing, Other	0	3	0	0	0	18	0	3	18	21
51.2304	Movement Therapy	0	0	0	0	0	4	0	1	3	4
51.2308	Physical Therapy	0	0	0	0	0	5	0	3	2	5
51.2601	Health Aide	0	3	0	0	0	10	1	0	14	14
51.9999	Health Professions and Related Sciences, Other	0	1	0	0	0	5	1	2	5	7
52.0101	Business, General	2	39	0	3	7	378	27	131	325	456
52.0201	Business Administration and Management, General	2	37	5	7	6	454	9	169	351	520
52.0204	Office Supervision and Management	0	1	0	0	1	10	0	1	11	12
52.0205	Operations Management and Supervision	0	1	0	0	0	11	1	12	1	13
52.0299	Business Administration and Management, Other	0	0	0	0	0	12	0	4	8	12
52.0301	Accounting	1	4	0	11	0	113	6	16	119	135
52.0302	Accounting Technician	0	14	2	9	5	289	6	57	268	325
52.0399	Accounting, Other	0	0	0	0	1	5	0	3	3	6
52.0401	Administrative Assistant/Secretarial Science, Gener	1	10	1	2	4	130	2	5	145	150
52.0402	Executive Assistant/Secretary	0	5	2	0	0	72	0	1	78	79
52.0403	Legal Administrative Assistant/Secretary	0	5	0	0	1	32	1	0	39	39
52.0404	Medical Administrative Assistant/Secretary	0	5	1	0	1	70	2	0	79	79
52.0405	Court Reporter	0	1	0	1	2	12	0	1	15	16
52.0406	Receptionist	0	0	0	0	0	8	0	1	7	8

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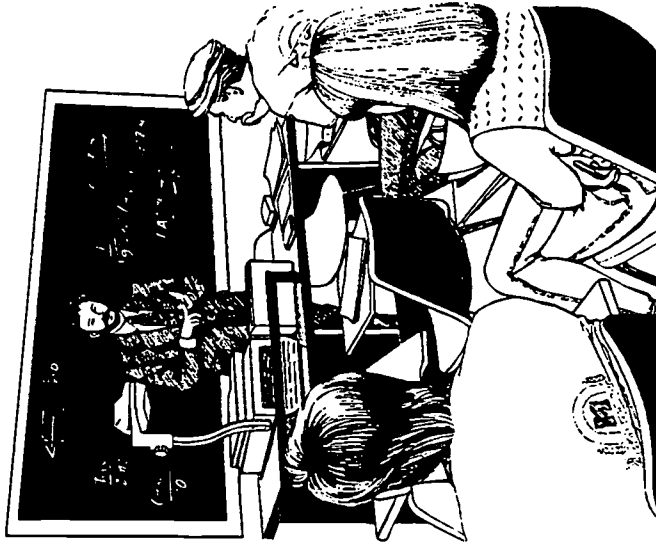


**TABLE 25: MICHIGAN COMMUNITY COLLEGES  
TOTAL OCCUPATIONAL DEGREES CONFERRED BY CIPCODE AND RACE, 1997-98**

CIP CODE	Program Name	Non- Resident Alien	American				Asian	Hispanic	White	Unknown	TOTAL		TOTAL STUDENTS
			Black	Indian	Hispanic	White					MEN	WOMEN	
52.0407	Information Processing/Data Entry Technician	0	1	0	15	2	38	2	58	17	41	58	
52.0408	General Office/Clerical and Typing Services	0	5	0	1	1	36	0	43	0	43	43	
52.0499	Administrative and Secretarial Services, Other	0	1	1	0	0	5	0	7	1	6	7	
52.0701	Enterprise Management and Operation, General	0	3	0	0	0	23	0	19	7	19	26	
52.0801	Finance, General	0	0	0	0	0	5	0	5	0	5	5	
52.0803	Banking and Financial Support Services	1	0	0	1	1	13	1	16	1	16	17	
52.0901	Hospitality/Administration Management	1	1	1	0	0	5	0	8	2	6	8	
52.0902	Hotel/Motel and Restaurant Management	1	0	0	3	0	15	0	11	8	11	19	
52.0903	Travel-Tourism Management	3	0	0	2	1	8	0	14	0	14	14	
52.0999	Hospitality Services Management, Other	0	0	0	0	0	2	0	1	1	1	2	
52.1001	Human Resources Management	0	0	0	0	0	6	0	4	2	4	6	
52.1002	Labor/Personnel Relations and Studies	0	0	0	0	0	3	0	2	1	2	3	
52.1201	Management Information Systems and Business Dat	1	5	1	2	1	55	3	36	32	36	68	
52.1202	Business Computer Programming/Programmer	0	2	0	0	0	14	0	6	10	6	16	
52.1203	Business Systems Analysis and Design	0	2	0	3	0	5	1	6	5	6	11	
52.1204	Business Systems Networking and Telecommunicatio	0	0	0	0	0	4	0	0	4	0	4	
52.1205	Business Computer Facilities Operator	1	0	0	0	0	17	0	11	7	11	18	
52.1299	Business Information and Data Processing Services,	0	0	0	0	0	1	0	0	1	0	1	
52.1401	Business Marketing and Marketing Management	0	6	0	0	0	58	0	51	13	51	64	
52.1501	Real Estate	0	1	0	0	0	2	0	2	1	2	3	
52.9999	Business Management and Administrative Services,	1	3	1	1	0	49	0	42	13	42	55	
TOTAL		57	740	82	201	158	9,557	385	4,060	7,120	11,180		

**TABLE 26: MICHIGAN COMMUNITY COLLEGES  
TWENTY TOP PROGRAMS IN WHICH THE LARGEST NUMBER OF OCCUPATIONAL DEGREES WERE CONFERRED, 1997-98**

CIP CODE	Program Name	Non-Resident						TOTAL		TOTAL STUDENTS	
		Allen	Black	Indian	Asian	Hispanic	White	Unknown	MEN		WOMEN
51.1601	Nursing (R.N. Training)	3	153	14	11	32	1,562	43	195	1,623	1,818
51.1613	Practical Nurse (L.P.N. Training)	3	24	10	4	2	568	3	42	572	614
52.0201	Business Administration and Management, General	2	37	5	7	6	454	9	169	351	520
43.0107	Law Enforcement/Police Science	0	12	6	6	8	426	3	346	115	461
52.0101	Business, General	2	39	0	3	7	378	27	131	325	456
48.0105	Mechanical Drafting	1	13	0	9	6	325	19	257	116	373
52.0302	Accounting Technician	0	14	2	9	5	289	6	57	268	325
48.0101	Drafting, General	1	4	3	12	4	216	1	184	57	241
11.0201	Computer Programming	3	44	1	9	2	158	14	97	134	231
15.0303	Electrical, Electronic and Communications Engin. Te	3	12	3	12	8	165	1	188	16	204
22.0103	Paralegal/Legal Assistant	0	10	1	3	3	168	3	19	169	188
47.0604	Auto/Automotive Mechanic/Technician	0	14	2	6	1	154	6	175	8	183
50.0402	Graphic Design, Commercial Art and Illustration	1	0	2	7	0	166	6	59	123	182
20.0202	Child Care Provider/Assistant	0	18	2	2	1	157	1	2	179	181
51.0602	Dental Hygienist	1	4	2	1	4	156	4	3	169	172
51.0801	Medical Assistant	0	3	1	5	0	150	2	2	159	161
51.0907	Medical Radiologic Tech./Technician	2	10	1	5	4	134	2	31	127	158
20.0201	Child Care and Guidance Workers and Managers, Ge	0	21	1	1	1	126	4	0	154	154
51.0908	Respiratory Therapy Technician	2	11	1	3	1	126	7	26	125	151
52.0401	Administrative Assistant/Secretarial Science, Gener	1	10	1	2	4	130	2	5	145	150



# *SECTION 4*

## *Standards and Measures*

### *for*

### *1996-97*

**MICHIGAN DEPARTMENT OF EDUCATION  
COMMUNITY COLLEGE SERVICES UNIT  
STANDARDS & MEASURES RESULTS  
BASIC ACADEMIC SKILLS ATTAINMENT**

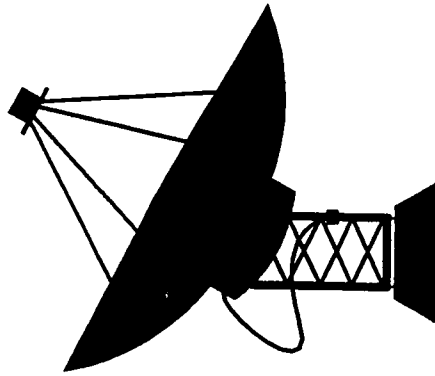
Community College	1995-96										1996-97									
	93-94/94-95					Occupational Students					94-95/95-96					Occupational Students				
	College Success Rate	(Minus Special Populations)	Course Enrolled	Course Completed	% Success	Special Populations Course Enrolled	Course Completed	% Success			College Success Rate	(Minus Special Populations)	Course Enrolled	Course Completed	% Success	Special Populations Course Enrolled	Course Completed	% Success		
Alpena	55.00%		0	0	0.00%	141	81	57.45%			57.50%		0	0	0.00%	163	99	60.74%		
Bay de Noc			123	77	62.60%	0	0	N/A			69.87%		0	0	0.00%	107	75	70.09%		
Mott	48.00%		1,638	820	50.06%	0	0	N/A			49.00%		1,263	587	46.48%	0	0	#DIV/0!		
Delta	71.68%		106	76	71.70%	18	10	55.56%			75.80%		145	113	77.93%	11	10	90.91%		
Glen Oaks	57.23%		0	0	0.00%	128	79	61.72%			55.17%		0	0	0.00%	149	81	54.36%		
Gogebic	68.90%		70	52	74.29%	0	0	N/A			70.00%		7	5	71.43%	124	89	71.77%		
Grand Rapids	55.20%		0	0	0.00%	594	273	45.96%			47.90%		0	0	0.00%	466	276	59.23%		
Henry Ford	57.00%		0	0	0.00%	1,104	681	61.68%			57.00%		0	0	0.00%	1,125	697	61.96%		
Jackson	67.52%		0	0	0.00%	753	516	68.53%			68.57%		0	0	0.00%	603	403	66.83%		
Kalamazoo	69.50%		0	0	0.00%	79	57	72.15%			72.00%		0	0	0.00%	88	62	70.45%		
Kellogg	62.00%		0	0	0.00%	1,100	705	64.09%			65.00%		0	0	0.00%	1,201	746	62.11%		
Kirtland	57.00%		0	0	0.00%	224	131	58.48%			58.00%		308	181	58.77%	155	122	78.71%		
Lake Michigan	58.00%		0	0	0.00%	755	484	64.11%			66.00%		62	57	91.94%	768	497	64.71%		
Lansing	86.00%		0	0	0.00%	685	508	74.16%			83.59%		0	0	0.00%	474	400	84.39%		
Macomb	53.90%		402	216	53.73%	943	478	50.69%			51.84%		357	220	61.62%	989	543	54.90%		
Mid Michigan	73.98%		12	6	50.00%	78	50	64.10%			69.05%		14	11	78.57%	67	33	49.25%		
Monroe	62.32%		0	0	0.00%	93	53	56.99%			60.71%		0	0	0.00%	86	54	62.79%		
Montcalm	64.00%		0	0	0.00%	220	134	60.91%			55.00%		0	0	0.00%	292	214	73.29%		
Muskegon	72.00%		0	0	0.00%	743	525	70.66%			74.40%		0	0	0.00%	733	545	74.35%		
North Central	75.00%		0	0	0.00%	9	8	88.89%			76.00%		155	119	76.77%	8	8	100.00%		
Northwestern						WAIVED STATE SYSTEM							333	261	78.38%	178	137	76.97%		
Oakland	59.00%		0	0	0.00%	4,227	2,324	54.98%			55.64%		0	0	0.00%	3,863	2,072	53.64%		
St. Clair	66.22%		77	64	83.12%	129	82	63.57%			70.67%		53	42	79.25%	115	74	64.35%		
Schoolcraft	65.00%		1,070	699							65.00%		915	607	66.34%	611	391	63.99%		
Southwestern	65.00%		306	173	56.54%	129	102	79.07%			61.66%		328	201	61.28%	59	44	74.58%		
Washtenaw			25	17	68.00%	292	164	56.16%			52.00%		30	21	70.00%	293	155	52.90%		
Wayne County	55.87%		2,542	1,354	53.27%	150	105	70.00%			55.87%		3,226	1,848	57.28%	252	154	61.11%		
West Shore	73.00%		0	0	0.00%	102	70	68.63%			70.00%		0	0	0.00%	131	96	73.28%		
<b>Subtotal</b>			<b>6,371</b>	<b>3,554</b>	<b>55.78%</b>	<b>12,696</b>	<b>7,620</b>	<b>60.02%</b>					<b>7,196</b>	<b>4,273</b>	<b>59.38%</b>	<b>13,111</b>	<b>8,077</b>	<b>61.60%</b>		
Bay Mills			433	273	63.05%			N/A												
Ferris State	59.00%		0	0	N/A	579	308	53.20%			56.00%		0	0	0.00%	550	274	49.82%		
N. Michigan	67.31%		93	75	80.65%	96	69	71.88%			77.96%		105	81	77.14%	105	77	73.33%		
Lake Superior			336	268	79.76%	0	0	N/A			65.71%		0	0	0.00%	993	654	65.86%		
<b>State Totals</b>			<b>7,233</b>	<b>4,170</b>	<b>57.65%</b>	<b>13,371</b>	<b>7,997</b>	<b>59.81%</b>					<b>7,301</b>	<b>4,354</b>	<b>59.64%</b>	<b>14,759</b>	<b>9,082</b>	<b>61.54%</b>		

MICHIGAN DEPARTMENT OF EDUCATION  
COMMUNITY COLLEGE SERVICES UNIT  
STANDARDS & MEASURES RESULTS  
ADVANCED ACADEMIC SKILLS ATTAINMENT

1995-96										1996-97										
Community College	Occupational Students					Special Populations					Occupational Students					Special Populations				
	(Minus Special Populations)					(Minus Special Populations)					(Minus Special Populations)					(Minus Special Populations)				
	College Success Rate	Course Enrolled	Course Completed	% Success	Course Enrolled	Course Completed	% Success	College Success Rate	Course Enrolled	Course Completed	% Success	College Success Rate	Course Enrolled	Course Completed	% Success	College Success Rate	Course Enrolled	Course Completed	% Success	
Alpena	68.50%	105	83	79.05%	414	284	68.60%	69.50%	155	140	90.32%	518	334	64.48%						
Bay de Noc	0.00%	191	166	86.91%	289	252	87.20%	86.48%	219	193	88.13%	288	237	82.29%						
Mott	68.00%	12,839	7,654	59.62%	3,706	1,866	50.35%	58.00%	11,116	7,016	63.12%	6,313	3,736	59.18%						
Delta	64.67%	2,813	1,927	68.50%	151	74	49.01%	70.90%	4,543	3,253	71.60%	162	88	54.32%						
Glen Oaks	76.82%	70	45	64.29%	543	406	74.77%	76.37%	158	123	77.85%	552	374	67.75%						
Gogebic	81.70%	670	584	87.16%	12	11	91.67%	82.90%	149	132	88.59%	622	526	84.57%						
Grand Rapids	59.50%	4,238	2,777	65.53%	2,008	938	46.71%	64.00%	3,750	2,549	67.97%	2,517	1,251	49.70%						
Henry Ford	80.00%	515	398	77.28%	443	398	89.84%	80.00%	531	413	77.78%	458	413	90.17%						
Jackson	69.71%	342	337	98.54%	4,074	2,681	65.81%	68.46%	780	650	83.33%	2,782	1,920	69.02%						
Kalamazoo	82.10%	2,771	2,217	80.01%	187	157	83.96%	80.10%	2,567	2,047	79.74%	207	168	81.16%						
Kellogg	84.00%	482	393	81.54%	3,253	2,275	69.94%	83.00%	453	382	84.33%	3,546	2,490	70.22%						
Kirtland	72.00%	408	273	66.91%	516	340	65.89%	70.00%	387	254	65.63%	252	192	76.19%						
Lake Michigan	71.70%	408	406	99.51%	2,264	1,501	66.30%	74.00%	747	673	90.09%	2,164	1,440	66.54%						
Lansing	84.00%	2,936	2,344	79.84%	863	713	82.62%	83.52%	2,611	2,140	81.96%	707	568	80.34%						
Macomb	69.04%	8,075	5,993	74.22%	7,663	4,540	59.25%	67.76%	7,478	5,646	75.50%	7,843	4,779	60.93%						
Mid Michigan	81.43%	124	112	90.32%	313	229	73.16%	80.56%	148	127	85.81%	326	227	69.63%						
Monroe	76.24%	301	244	81.06%	133	76	57.14%	76.64%	250	205	82.00%	91	59	64.84%						
Montcalm	78.00%	728	572	78.57%	200	140	70.00%	71.00%	1,857	1,448	77.98%	395	315	79.75%						
Muskegon	75.00%	10	9	90.00%	784	572	72.96%	78.90%	37	25	67.57%	706	553	78.33%						
North Central	75.00%	1,559	949	60.87%	152	108	71.05%	75.00%	1,186	862	72.68%	116	102	87.93%						
Northwestern	65.00%	19,389	12,703	65.52%	6,612	4,472	67.63%	72.00%	1,300	1,046	80.46%	504	395	78.37%						
Oakland	76.28%	929	807	86.87%	994	639	64.29%	65.96%	19,006	12,479	65.66%	6,671	4,458	66.83%						
St. Clair	74.00%	5,455	4,053	74.30%	1,585	1,158	73.06%	75.77%	887	782	88.16%	924	577	62.45%						
Schoolcraft	77.00%	1,730	1,347	77.86%	564	430	76.24%	77.57%	5,215	3,869	74.19%	1,816	1,339	73.73%						
Southwestern	0.00%	1,727	1,335	77.30%	1,988	1,387	69.77%	70.00%	2,152	1,697	78.86%	495	386	77.98%						
Washtenaw	74.60%	7,080	5,024	70.96%	689	589	85.49%	74.60%	8,193	5,709	69.68%	883	705	65.39%						
Wayne County	73.00%	577	412	71.40%	164	111	67.68%	76.67%	910	669	73.52%	118	82	69.49%						
West Shore																				
Subtotal		76,472	53,164	69.52%	40,564	26,347	64.95%		78,112	55,507	71.06%	43,626	28,793	66.00%						
Bay Mills					N/A		N/A				N/A		40	44.44%						
Ferris State	66.00%	3,024	2,014	66.60%	1,459	893	61.21%	65.00%	3,459	2,265	65.48%	1054	615	58.35%						
N. Michigan	76.62%	1,151	960	83.41%	983	799	81.28%	82.24%	1210	907	74.96%	961	681	70.86%						
Lake Superior		447	419	93.74%	761	697	91.59%	75.81%	1373	1031	75.09%	5209	3807	73.09%						
State Totals		81,094	48,242	59.49%	38,212	28,736	75.20%		84,154	59,710	70.95%	50,940	33,936	66.62%						

**MICHIGAN DEPARTMENT OF EDUCATION  
COMMUNITY COLLEGE SERVICES UNIT  
STANDARDS & MEASURES RESULTS  
OCCUPATIONAL WORK SKILLS ATTAINMENT**

Community College	1995-96										1996-97									
	93-94/94-95					Occupational Students					94-95/95-96					Occupational Students				
	College Success Rate	Course Enrolled	Course Completed	% Success	Special Populations Course Enrolled	Special Populations Course Completed	% Success	Special Populations Course Enrolled	Special Populations Course Completed	% Success	College Success Rate	Course Enrolled	Course Completed	% Success	(Minus Special Populations) Course Enrolled	(Minus Special Populations) Course Completed	% Success	Course Enrolled	Course Completed	% Success
Alpena	85.00%	367	352	95.91%	1,122	937	83.51%	1,122	937	83.51%	87.00%	427	399	93.44%	1,568	1,288	82.14%	1,568	1,288	82.14%
Bay de Noc		876	832	94.98%	1,474	1,370	92.94%	1,474	1,370	92.94%	86.48%	219	193	88.13%	288	237	82.29%	288	237	82.29%
Mott	66.00%	11,889	8,882	74.71%	4,436	3,152	71.06%	4,436	3,152	71.06%	58.00%	11,116	7,016	63.12%	6,313	3,736	59.18%	6,313	3,736	59.18%
Delta	78.02%	1,896	1,539	81.17%	99	70	70.71%	99	70	70.71%	84.70%	2,342	2,052	87.62%	98	72	73.47%	98	72	73.47%
Glen Oaks	86.00%	170	146	85.88%	1,092	868	79.49%	1,092	868	79.49%	76.37%	158	123	77.85%	552	374	67.75%	552	374	67.75%
Gogebic	85.70%	2,474	2,223	89.85%	44	42	95.45%	44	42	95.45%	82.90%	149	132	88.59%	622	526	84.57%	622	526	84.57%
Grand Rapids	77.90%	9,458	7,854	83.04%	3,958	2,774	70.09%	3,958	2,774	70.09%	82.50%	8,590	7,176	83.54%	4,098	2,947	71.91%	4,098	2,947	71.91%
Henry Ford	87.00%	1,881	1,613	85.75%	1,711	1,613	94.27%	1,711	1,613	94.27%	87.00%	3,537	3,208	90.70%	3,346	3,208	95.88%	3,346	3,208	95.88%
Jackson	80.00%	845	832	98.46%	7,375	5,176	70.18%	7,375	5,176	70.18%	68.46%	780	650	83.33%	2,782	1,920	69.02%	2,782	1,920	69.02%
Kalamazoo	88.20%	8,701	7,334	84.29%	424	374	88.21%	424	374	88.21%	87.60%	8,281	7,045	85.07%	454	396	87.22%	454	396	87.22%
Kellogg	95.00%	13,278	12,682	95.51%	10,535	9,273	88.02%	10,535	9,273	88.02%	96.00%	11,717	11,304	96.48%	9,719	8,072	83.05%	9,719	8,072	83.05%
Kirtland	88.00%	987	862	87.34%	1,230	1,018	82.76%	1,230	1,018	82.76%	85.80%	683	562	82.28%	395	329	83.29%	395	329	83.29%
Lake Michigan	82.60%	984	978	99.39%	3,827	3,135	81.92%	3,827	3,135	81.92%	83.00%	1,581	1,474	93.23%	3,135	2,566	81.85%	3,135	2,566	81.85%
Lansing	90.00%	8,970	8,233	91.78%	1,867	1,672	89.56%	1,867	1,672	89.56%	89.89%	8,866	8,140	91.81%	1,451	1,304	89.87%	1,451	1,304	89.87%
Macomb	82.13%	13,360	11,680	87.43%	10,254	7,681	74.91%	10,254	7,681	74.91%	82.07%	12,055	10,619	88.09%	9,522	7,343	77.12%	9,522	7,343	77.12%
Mid Michigan	86.66%	188	176	93.62%	387	308	79.59%	387	308	79.59%	86.05%	200	183	91.50%	386	318	82.38%	386	318	82.38%
Monroe	83.10%	319	276	86.52%	75	50	66.67%	75	50	66.67%	83.05%	358	324	90.50%	92	60	65.22%	92	60	65.22%
Montcalm	79.00%	1,001	825	82.42%	249	197	79.12%	249	197	79.12%	77.00%	3,116	2,524	81.00%	656	552	84.15%	656	552	84.15%
Muskegon	86.00%	78	71	91.03%	567	487	85.89%	567	487	85.89%	90.10%	123	115	93.50%	572	514	89.86%	572	514	89.86%
North Central	75.00%	1,383	881	63.70%	122	96	78.69%	122	96	78.69%	77.00%	1,289	1,102	85.49%	48	45	93.75%	48	45	93.75%
Northwestern				WAIVED							86.50%	3,105	2,728	87.86%	833	714	85.71%	833	714	85.71%
Oakland	77.00%	24,650	18,933	76.81%	7,637	5,876	76.94%	7,637	5,876	76.94%	77.20%	21,328	16,227	76.08%	6,742	5,268	78.14%	6,742	5,268	78.14%
St. Clair	86.13%	4,022	3,751	93.26%	2,951	2,425	82.18%	2,951	2,425	82.18%	87.69%	3,944	3,631	92.06%	2,926	2,322	79.36%	2,926	2,322	79.36%
Schoolcraft	83.00%	9,934	8,458	85.14%	2,263	1,892	83.61%	2,263	1,892	83.61%	84.00%	9,556	7,977	83.48%	2,751	2,275	82.70%	2,751	2,275	82.70%
Southwestern	84.00%	2,006	1,666	83.05%	765	623	81.44%	765	623	81.44%	83.27%	1,601	1,375	85.88%	635	551	86.77%	635	551	86.77%
Washtenaw	82.00%	4,206	3,647	86.71%	4,059	3,341	82.31%	4,059	3,341	82.31%	84.00%	3,609	3,017	83.60%	4,074	3,348	82.18%	4,074	3,348	82.18%
Wayne County	78.50%	4,256	3,416	80.26%	544	429	78.86%	544	429	78.86%	78.50%	3,116	1,803	57.86%	272	164	60.29%	272	164	60.29%
West Shore	84.00%	1,764	1,566	88.78%	561	468	83.42%	561	468	83.42%	87.20%	1,744	1,522	87.27%	320	265	82.81%	320	265	82.81%
<b>State Totals</b>		<b>129,943</b>	<b>109,708</b>	<b>84.43%</b>	<b>69,628</b>	<b>55,347</b>	<b>79.49%</b>	<b>69,628</b>	<b>55,347</b>	<b>79.49%</b>		<b>123,590</b>	<b>102,621</b>	<b>83.03%</b>	<b>64,650</b>	<b>50,714</b>	<b>78.44%</b>	<b>64,650</b>	<b>50,714</b>	<b>78.44%</b>
Bay Mills		887	593	66.85%			N/A					8,246	6,842	82.97%	295	170	57.63%	295	170	57.63%
Ferris State	84.00%	7,342	6,008	81.83%	3,538	2,765	78.15%	3,538	2,765	78.15%	83.00%	8,246	6,842	82.97%	2,591	2,096	80.90%	2,591	2,096	80.90%
N. Michigan	89.45%	2,210	2,026	91.67%	1,440	1,314	91.25%	1,440	1,314	91.25%	90.98%	2,319	2,011	86.72%	1,684	1,417	84.14%	1,684	1,417	84.14%
Lake Superior		356	300	84.27%	621	535	86.15%	621	535	86.15%	77.21%	391	295	75.45%	1,540	1,156	75.06%	1,540	1,156	75.06%
<b>State Totals</b>		<b>140,738</b>	<b>118,635</b>	<b>84.29%</b>	<b>75,227</b>	<b>59,961</b>	<b>79.71%</b>	<b>75,227</b>	<b>59,961</b>	<b>79.71%</b>		<b>134,546</b>	<b>111,769</b>	<b>83.07%</b>	<b>70,760</b>	<b>55,553</b>	<b>78.51%</b>	<b>70,760</b>	<b>55,553</b>	<b>78.51%</b>



**APPENDIX A**

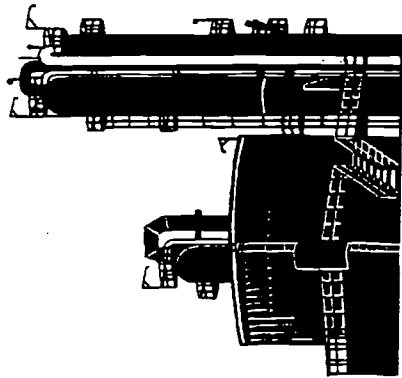
**ENROLLMENTS**

**IN**

**STATE BOARD APPROVED**

**OCCUPATIONAL PROGRAMS**

**1997-98**





**APPENDIX A: MICHIGAN COMMUNITY COLLEGES  
ENROLLMENTS IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98**

CIP Code	Program Name	MEN	WOMEN	TOTAL STUDENTS
01.0605	Landscaping Op. & Mgmt.	95	121	216
01.9999	Agricultural Business & Prod., Oth.	3	1	4
08.0102	Fashion Merchandising	8	110	118
08.0204	Business Serv. Mkt. Op.	18	7	25
08.0705	Gen. Retailing Op.	65	93	158
08.0706	Gen. Selling Skills & Sales Op.	69	77	146
08.0708	Gen. Mkt. Op.	136	186	322
08.0799	Gen. Retailing & Wholesaling Op. & Skills, Oth.	8	11	19
09.0401	Journalism	6	9	15
10.0103	Photographic Technol./Tech.	117	171	288
10.0104	Radio & Television Broadcasting Technol./Tech.	119	58	177
10.0199	Communications Tech./Tech., Oth.	42	28	70
11.0201	Computer Programming	1,642	1,599	3,241
11.0301	Data Processing Technol./Tech.	227	261	488
11.9999	Computer & Information Sciences, Oth.	54	76	130
12.0401	Cosmetic Serv., Gen.	0	1	1
12.0403	Cosmetologist	5	99	104
12.0501	Baker/Pastry Chef	1	13	14
12.0503	Culinary Arts/Chef Training	712	423	1,135
12.0504	Food & Beverage/Restaurant Op. Mgr.	40	44	84
15.0101	Architectural Engin. Technol./Tech.	740	258	998
15.0201	Civil Engin./Civil Technol./Tech.	110	20	130
15.0301	Computer Engin. Technol./Tech.	131	31	162
15.0303	Electrical, Electronic & Communications Engin. Tech	2,404	370	2,774
15.0304	Laser & Optical Technol./Tech.	18	0	18
15.0399	Electrical & Electronic Engin.-Related Tech./Tech., O	185	20	205
15.0401	Biomedical Engin.-Related Technol./Tech.	55	9	64
15.0402	Computer Main. Technol./Tech.	45	7	52



# APPENDIX A: MICHIGAN COMMUNITY COLLEGES ENROLLMENTS IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98

CIP Code	Program Name	MEN	WOMEN	TOTAL STUDENTS
15.0403	Electromechanical Technol./Tech.	661	234	895
15.0404	Instrumentation Technol./Tech.	25	3	28
15.0405	Robotics Technol./Tech.	312	39	351
15.0499	Electromechanical Instrumentation & Main. Tech./T	48	7	55
15.0501	Heating, Air Conditioning & Refrigeration Technol./T	621	19	640
15.0503	Energy Mgmt. & Systems Technol./Tech.	203	11	214
15.0506	Water Quality & Wastewater Treatment Technol./Te	32	13	45
15.0507	Environmental & Pollution Control Technol./Tech.	17	26	43
15.0603	Industrial/Manufacturing Technol./Tech.	538	64	602
15.0607	Plastics Technol./Tech.	176	31	207
15.0611	Metallurgical Technol./Tech.	51	8	59
15.0699	Industrial Prod. Tech./Tech., Oth.	121	31	152
15.0702	Quality Control Technol./Tech.	278	164	442
15.0799	Quality Control & Safety Tech./Tech., Oth.	1	2	3
15.0803	Automotive Engineering Technol./Tech.	432	29	461
15.0805	Mechanical Engin./Mechanical Technol./Tech.	252	37	289
15.0899	Mechanical Engin.-Related Tech./Tech., Oth.	184	29	213
15.1001	Construction/Building Technol./Tech.	39	6	45
15.1101	Engin.-Related Technol./Tech., Gen.	22	5	27
15.1102	Surveying	9	5	14
15.1103	Hydraulic Technol./Tech.	28	0	28
15.9999	Engin.-Related Tech./Tech., Oth.	56	4	60
20.0201	Child Care & Guidance Workers & Mgrs., Gen.	49	1,732	1,781
20.0202	Child Care Provider/Assistant	22	977	999
20.0203	Child Care Serv. Mgr.	0	8	8
20.0299	Child Care & Guidance Workers & Mgrs., Oth.	0	13	13
20.0401	Institutional Food Workers & Administrators, Gen.	100	107	207
20.0404	Dietician Assistant	4	23	27

# APPENDIX A: MICHIGAN COMMUNITY COLLEGES ENROLLMENTS IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98

CIP Code	Program Name	TOTAL STUDENTS		
		MEN	WOMEN	
20.0409	Institutional Food Serv. Administrator	32	52	84
20.0499	Institutional Food Workers & Administrators, Oth.	3	9	12
20.0501	Home Furnishings & Equip. Installers & Consultants,	10	93	103
20.0599	Home Furnishings & Equip. Installers & Consultants,	5	43	48
22.0103	Paralegal/Legal Assistant	109	795	904
25.0301	Library Assistant	5	75	80
31.0301	Parks, Recreation & Leisure Facilities Mgmt.	38	1	39
41.0301	Chemical Technol./Tech.	15	24	39
43.0102	Corrections/Correctional Administration	484	500	984
43.0103	Criminal Justice/Law Enforcement Administration	365	301	666
43.0106	Forensic Technol./Tech.	38	73	111
43.0107	Law Enforcement/Police Science	3,040	1,229	4,269
43.0109	Security & Loss Prevention Serv.	14	1	15
43.0199	Criminal Justice & Corrections, Oth.	59	34	93
43.0201	Fire Protection & Safety Technol./Tech.	295	31	326
43.0202	Fire Serv. Administration	36	3	39
43.0203	Fire Science/Firefighting	192	15	207
46.0301	Electrical & Power Transmission Installer, Gen.	66	1	67
46.0302	Electrician	309	30	339
46.0303	Lineworker	22	0	22
46.0401	Building/Property Main. & Mgr.	1	0	1
46.0499	Construction & Building Finishers & Mgrs., Oth.	55	10	65
46.0501	Plumber & Pipefitter	40	3	43
46.9999	Construction Trades, Oth.	96	7	103
47.0101	Electrical & Electronics Equip. Installer & Repairer,	14	1	15
47.0103	Communication Systems Installer & Repairer	25	15	40
47.0105	Industrial Electronics Installer & Repairer	8	3	11
47.0199	Electrical & Electronics Equip. Installer & Repairer,	17	1	18

**APPENDIX A: MICHIGAN COMMUNITY COLLEGES  
ENROLLMENTS IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98**

CIP Code	Program Name	TOTAL STUDENTS	
		MEN	WOMEN
47.0201	Heating, Air Conditioning & Refrigeration Mechanic	324	14
47.0303	Industrial Machinery Main. & Repairer	227	23
47.0401	Instrument Calibration & Repairer	11	3
47.0501	Stationary Energy Sources Installer & Operator	1	0
47.0603	Auto/Automotive Body Repairer	103	6
47.0604	Auto/Automotive Mechanic/Tech.	1,166	74
47.0605	Diesel Engine Mechanic & Repairer	3	0
47.0607	Aircraft Mechanic/Tech., Airframe	102	7
47.0609	Aviation Systems & Avionics Main. Technologist/Tech	34	5
47.0699	Vehicle & Mobile Equip. Mechanics & Repairers, Oth.	1	5
47.9999	Mechanics & Repairers, Oth.	15	0
48.0101	Drafting, Gen.	1,498	338
48.0102	Architectural Drafting	253	79
48.0104	Electrical/Electronics Drafting	46	19
48.0105	Mechanical Drafting	2,317	671
48.0199	Drafting, Oth.	13	5
48.0201	Graphic & Printing Equip. Operator, Gen.	69	70
48.0206	Lithographer & Platemaker	8	6
48.0299	Graphic & Printing Equip. Operators, Oth.	5	3
48.0501	Machinist/Machine Technologist	308	10
48.0503	Machine Shop Assistant	718	51
48.0506	Sheet Metal Worker	32	4
48.0507	Tool & Die Maker/Technologist	715	65
48.0508	Welder/Welding Technologist	706	57
48.0599	Precision Metal Workers, Oth.	48	5
48.0799	Woodworkers, Oth.	1	0
48.9999	Precision Prod. Trades, Oth.	292	11
49.0102	Aircraft Pilot & Navigator (Professional)	240	41

# APPENDIX A: MICHIGAN COMMUNITY COLLEGES ENROLLMENTS IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98

CIP Code	Program Name	MEN	WOMEN	TOTAL STUDENTS
49.0205	Truck, Bus & Oth. Commercial Vehicle Operator	9	0	9
49.0299	Vehicle & Equip. Operators, Oth.	1	1	2
49.0309	Marine Science/Merchant Marine Officer	70	3	73
49.0399	Water Transportation Workers, Oth.	24	2	26
49.9999	Transportation & Materials Moving Workers, Oth.	13	18	31
50.0402	Graphic Design, Commercial Art & Illustration	743	967	1,710
50.0408	Interior Design	8	56	64
50.0605	Photography	95	170	265
50.0711	Ceramics Arts & Ceramics	48	126	174
51.0205	Sign Language Interpreter	26	189	215
51.0301	Community Health Liaison	28	128	156
51.0601	Dental Assistant	15	308	323
51.0602	Dental Hygienist	32	851	883
51.0699	Dental Serv., Oth.	2	22	24
51.0705	Medical Office Mgmt.	22	158	180
51.0707	Medical Records Technol./Tech.	8	183	191
51.0708	Medical Transcription	0	91	91
51.0801	Medical Assistant	31	734	765
51.0803	Occupational Therapy Assistant	55	525	580
51.0805	Pharmacy Tech./Assistant	5	43	48
51.0806	Physical Therapy Assistant	234	845	1,079
51.0808	Veterinarian Assistant/Animal Health Tech.	12	243	255
51.0904	Emergency Medical Technol./Tech.	330	293	623
51.0905	Nuclear Medical Technol./Tech.	9	13	22
51.0907	Medical Radiologic Technol./Tech.	139	700	839
51.0908	Respiratory Therapy Tech.	150	565	715
51.0909	Surgical/Operating Room Tech.	21	158	179
51.0910	Diagnostic Medical Sonography	9	93	102

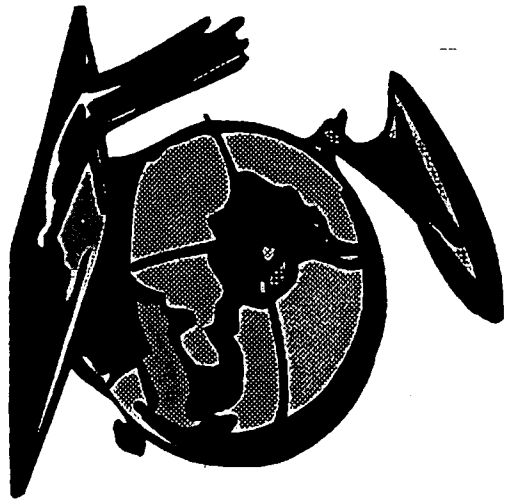
**APPENDIX A: MICHIGAN COMMUNITY COLLEGES  
ENROLLMENTS IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98**

CIP Code	Program Name	MEN	WOMEN	TOTAL STUDENTS
51.0999	Health & Medical Diagnostic & Treatment Serv., Oth.	1	19	20
51.1004	Medical Laboratory Tech.	9	48	57
51.1099	Health & Medical Laboratory Tech./Tech., Oth.	2	10	12
51.1502	Psychiatric/Mental Health Serv. Tech.	48	301	349
51.1599	Mental Health Serv., Oth.	26	220	246
51.1601	Nursing (R.N. Training)	931	8,379	9,310
51.1613	Practical Nurse (L.P.N. Training)	197	1,860	2,057
51.1802	Optical Tech./Assistant	1	3	4
51.2309	Recreational Therapy	34	89	123
51.2601	Health Aide	19	123	142
51.9999	Health Professions & Related Sciences, Oth.	1	69	70
52.0101	Business, Gen.	760	1,184	1,944
52.0201	Business Administration & Mgmt., Gen.	4,435	6,013	10,448
52.0204	Office Supervision & Mgmt.	36	127	163
52.0205	Op. Mgmt. & Supervision	86	55	141
52.0299	Business Administration & Mgmt., Oth.	18	57	75
52.0301	Accounting	435	1,570	2,005
52.0302	Accounting Tech.	820	3,027	3,847
52.0401	Administrative Assistant/Secretarial Science, Gen.	56	1,112	1,168
52.0402	Executive Assistant/Secretary	21	722	743
52.0403	Legal Administrative Assistant/Secretary	9	335	344
52.0404	Medical Administrative Assistant/Secretary	4	585	589
52.0405	Court Reporter	5	127	132
52.0406	Receptionist	0	8	8
52.0407	Information Processing/Data Entry Tech.	127	479	606
52.0408	Gen. Office/Clerical & Typing Serv.	3	143	146
52.0499	Administrative & Secretarial Serv., Oth.	5	72	77

# APPENDIX A: MICHIGAN COMMUNITY COLLEGES ENROLLMENTS IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98

CIP Code	Program Name	TOTAL STUDENTS		
		MEN	WOMEN	
52.0701	Enterprise Mgmt. & Operation, Gen.	127	162	289
52.0801	Finance, Gen.	31	41	72
52.0803	Banking & Financial Support Serv.	30	137	167
52.0901	Hospitality/Administration Mgmt.	16	33	49
52.0902	Hotel/Motel & Restaurant Mgmt.	77	103	180
52.0903	Travel-Tourism Mgmt.	9	101	110
52.1201	Mgmt. Information Systems & Business Data Processi	492	450	942
52.1202	Business Computer Programming/Programmer	158	146	304
52.1204	Business Systems Networking & Telecommunications	45	27	72
52.1205	Business Computer Facilities Operator	110	153	263
52.1299	Business Information & Data Processing Serv., Oth.	1	11	12
52.1401	Business Mkt. & Mkt. Mgmt.	292	427	719
52.1501	Real Estate	27	31	58
52.9999	Business Mgmt. & Administrative Serv., Oth.	161	329	490
<b>TOTAL</b>		<b>37,789</b>	<b>49,025</b>	<b>86,814</b>
<b>1996-97</b>		<b>40,562</b>	<b>48,495</b>	<b>89,057</b>

**APPENDIX B**  
**DEGREES CONFERRED**  
**IN**  
**STATE BOARD APPROVED**  
**OCCUPATIONAL PROGRAMS**  
**1997-98**



# APPENDIX B: MICHIGAN COMMUNITY COLLEGES DEGREES CONFERRED IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98

CIP Code	Program Name	MEN	WOMEN	TOTAL STUDENTS
01.0605	Landscaping Op. & Mgmt.	5	8	13
08.0102	Fashion Merchandising	0	8	8
08.0204	Business Serv. Mkt. Op.	1	1	2
08.0705	Gen. Retailing Op.	1	1	2
08.0706	Gen. Selling Skills & Sales Op.	25	5	30
08.0708	Gen. Mkt. Op.	12	14	26
08.0799	Gen. Retailing & Wholesaling Op. & Skills, Oth.	4	1	5
10.0103	Photographic Technol./Tech.	14	14	28
10.0104	Radio & Television Broadcasting Technol./Tech.	10	5	15
10.0199	Communications Tech./Tech., Oth.	6	1	7
11.0201	Computer Programming	97	134	231
11.0301	Data Processing Technol./Tech.	6	15	21
11.9999	Computer & Information Sciences, Oth.	4	13	17
12.0401	Cosmetic Serv., Gen.	0	1	1
12.0403	Cosmetologist	2	16	18
12.0501	Baker/Pastry Chef	2	3	5
12.0503	Culinary Arts/Chef Training	57	46	103
12.0504	Food & Beverage/Restaurant Op. Mgr.	6	4	10
15.0101	Architectural Engin. Technol./Tech.	46	17	63
15.0201	Civil Engin./Civil Technol./Tech.	25	3	28
15.0301	Computer Engin. Technol./Tech.	5	2	7
15.0303	Electrical, Electronic & Communications Engin. Tech	187	22	209
15.0304	Laser & Optical Technol./Tech.	1	0	1
15.0399	Electrical & Electronic Engin.-Related Tech./Tech., O	27	2	29
15.0401	Biomedical Engin.-Related Technol./Tech.	8	2	10
15.0402	Computer Main. Technol./Tech.	8	0	8
15.0403	Electromechanical Technol./Tech.	19	0	19
15.0404	Instrumentation Technol./Tech.	3	1	4
15.0405	Robotics Technol./Tech.	23	4	27



# APPENDIX B: MICHIGAN COMMUNITY COLLEGES DEGREES CONFERRED IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98

CIP Code	Program Name	MEN	WOMEN	TOTAL STUDENTS	
15.0499	Electromechanical Instrumentation & Main. Tech./T	2	0	2	2
15.0501	Heating, Air Conditioning & Refrigeration Technol./T	51	6	57	57
15.0503	Energy Mgmt. & Systems Technol./Tech.	7	0	7	7
15.0506	Water Quality & Wastewater Treatment Technol./Te	6	3	9	9
15.0507	Environmental & Pollution Control Technol./Tech.	2	2	4	4
15.0603	Industrial/Manufacturing Technol./Tech.	85	22	107	107
15.0607	Plastics Technol./Tech.	16	1	17	17
15.0611	Metallurgical Technol./Tech.	8	3	11	11
15.0699	Industrial Prod. Tech./Tech., Oth.	5	2	7	7
15.0702	Quality Control Technol./Tech.	29	18	47	47
15.0803	Automotive Engineering Technol./Tech.	30	2	32	32
15.0805	Mechanical Engin./Mechanical Technol./Tech.	16	4	20	20
15.0899	Mechanical Engin.-Related Tech./Tech., Oth.	17	2	19	19
15.1001	Construction/Building Technol./Tech.	4	0	4	4
15.1102	Surveying	1	1	2	2
15.1103	Hydraulic Technol./Tech.	1	0	1	1
15.9999	Engin.-Related Tech./Tech., Oth.	3	0	3	3
20.0201	Child Care & Guidance Workers & Mgrs., Gen.	0	174	174	174
20.0202	Child Care Provider/Assistant	1	149	150	150
20.0299	Child Care & Guidance Workers & Mgrs., Oth.	0	3	3	3
20.0401	Institutional Food Workers & Administrators, Gen.	10	13	23	23
20.0404	Dietician Assistant	1	3	4	4
20.0409	Institutional Food Serv. Administrator	6	10	16	16
20.0499	Institutional Food Workers & Administrators, Oth.	7	6	13	13
20.0501	Home Furnishings & Equip. Installers & Consultants,	0	9	9	9
20.0599	Home Furnishings & Equip. Installers & Consultants,	0	6	6	6
22.0103	Paralegal/Legal Assistant	11	116	127	127
25.0301	Library Assistant	0	7	7	7

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**DEGREES CONFERRED IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98**

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# APPENDIX B: MICHIGAN COMMUNITY COLLEGES

## DEGREES CONFERRED IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98

CIP Code	Program Name	TOTAL STUDENTS	
		MEN	WOMEN
48.0201	Graphic & Printing Equip. Operator, Gen.	4	9
48.0206	Lithographer & Platemaker	0	1
48.0299	Graphic & Printing Equip. Operators, Oth.	5	2
48.0501	Machinist/Machine Technologist	24	3
48.0503	Machine Shop Assistant	48	10
48.0507	Tool & Die Maker/Technologist	75	9
48.0508	Welder/Welding Technologist	35	2
48.0599	Precision Metal Workers, Oth.	7	0
48.9999	Precision Prod. Trades, Oth.	7	0
49.0102	Aircraft Pilot & Navigator (Professional)	18	4
49.0299	Vehicle & Equip. Operators, Oth.	0	1
49.0309	Marine Science/Merchant Marine Officer	19	1
49.0399	Water Transportation Workers, Oth.	3	0
49.9999	Transportation & Materials Moving Workers, Oth.	1	3
50.0402	Graphic Design, Commercial Art & Illustration	59	115
50.0408	Interior Design	0	4
50.0605	Photography	4	10
51.0205	Sign Language Interpreter	0	18
51.0301	Community Health Liaison	3	22
51.0601	Dental Assistant	1	93
51.0602	Dental Hygienist	3	169
51.0699	Dental Serv., Oth.	0	2
51.0705	Medical Office Mgmt.	3	6
51.0707	Medical Records Technol./Tech.	2	53
51.0708	Medical Transcription	1	8
51.0801	Medical Assistant	2	151
51.0803	Occupational Therapy Assistant	3	82
51.0805	Pharmacy Tech./Assistant	1	7
51.0806	Physical Therapy Assistant	14	77

# APPENDIX B: MICHIGAN COMMUNITY COLLEGES DEGREES CONFERRED IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98

CIP Code	Program Name	MEN	WOMEN	TOTAL STUDENTS
51.0808	Veterinarian Assistant/Animal Health Tech.	1	55	56
51.0904	Emergency Medical Technol./Tech.	65	64	129
51.0907	Medical Radiologic Technol./Tech.	30	123	153
51.0908	Respiratory Therapy Tech.	22	115	137
51.0909	Surgical/Operating Room Tech.	3	33	36
51.0910	Diagnostic Medical Sonography	0	28	28
51.1004	Medical Laboratory Tech.	0	3	3
51.1502	Psychiatric/Mental Health Serv. Tech.	7	42	49
51.1599	Mental Health Serv., Oth.	8	58	66
51.1601	Nursing (R.N. Training)	193	1,618	1,811
51.1613	Practical Nurse (L.P.N. Training)	42	572	614
51.2309	Recreational Therapy	1	3	4
51.2601	Health Aide	0	31	31
52.0101	Business, Gen.	98	250	348
52.0201	Business Administration & Mgmt., Gen.	147	307	454
52.0204	Office Supervision & Mgmt.	1	11	12
52.0205	Op. Mgmt. & Supervision	12	1	13
52.0299	Business Administration & Mgmt., Oth.	4	8	12
52.0301	Accounting	15	115	130
52.0302	Accounting Tech.	57	264	321
52.0401	Administrative Assistant/Secretarial Science, Gen.	4	140	144
52.0402	Executive Assistant/Secretary	1	73	74
52.0403	Legal Administrative Assistant/Secretary	0	36	36
52.0404	Medical Administrative Assistant/Secretary	0	62	62
52.0405	Court Reporter	1	15	16
52.0406	Receptionist	0	2	2
52.0407	Information Processing/Data Entry Tech.	15	37	52
52.0408	Gen. Office/Clerical & Typing Serv.	0	23	23
52.0499	Administrative & Secretarial Serv., Oth.	1	6	7

**APPENDIX B: MICHIGAN COMMUNITY COLLEGES**  
**DEGREES CONFERRED IN STATE BOARD APPROVED OCCUPATIONAL PROGRAMS, 1997-98**

CIP Code	Program Name	TOTAL STUDENTS		
		MEN	WOMEN	
52.0701	Enterprise Mgmt. & Operation, Gen.	6	16	22
52.0801	Finance, Gen.	0	3	3
52.0803	Banking & Financial Support Serv.	1	15	16
52.0901	Hospitality/Administration Mgmt.	1	3	4
52.0902	Hotel/Motel & Restaurant Mgmt.	2	8	10
52.0903	Travel-Tourism Mgmt.	0	14	14
52.1201	Mgmt. Information Systems & Business Data Processi	20	24	44
52.1202	Business Computer Programming/Programmer	10	6	16
52.1204	Business Systems Networking & Telecommunications	3	0	3
52.1205	Business Computer Facilities Operator	3	9	12
52.1299	Business Information & Data Processing Serv., Oth.	1	0	1
52.1401	Business Mkt. & Mkt. Mgmt.	13	51	64
52.1501	Real Estate	1	2	3
52.9999	Business Mgmt. & Administrative Serv., Oth.	10	37	47
<b>TOTAL</b>		<b>3,280</b>	<b>6,409</b>	<b>9,689</b>
<b>1996-97</b>		<b>3,605</b>	<b>6,733</b>	<b>10,378</b>

## **APPENDIX C**



# **STATE BOARD APPROVED OCCUPATIONAL PROGRAMS IN WHICH THE NUMBER OF MEN AND WOMEN ENROLLED WAS 25% OR LESS DURING 1997-98**

**APPENDIX C: MICHIGAN COMMUNITY COLLEGES**  
**STATE BOARD APPROVED OCCUPATIONAL PROGRAMS IN WHICH THE**  
**PERCENTAGE OF WOMEN ENROLLED WAS 25% OR LESS, 1997-98**

CIP Code	Program Name	MEN		WOMEN		TOTAL	
			%		%	STUDENTS	
01.9999	Agricultural Business & Prod., Oth.	3	75.00%	1	25.00%	4	
15.0201	Civil Engin./Civil Technol./Tech.	110	84.62%	20	15.38%	130	
15.0301	Computer Engin. Technol./Tech.	131	80.86%	31	19.14%	162	
15.0303	Electrical, Electronic & Communications Engin. Technol./Tech	2,404	86.66%	370	13.34%	2,774	
15.0304	Laser & Optical Technol./Tech.	18	100.00%	0	0.00%	18	
15.0399	Electrical & Electronic Engin.-Related Tech./Tech., Oth.	185	90.24%	20	9.76%	205	
15.0401	Biomedical Engin.-Related Technol./Tech.	55	85.94%	9	14.06%	64	
15.0402	Computer Main. Technol./Tech.	45	86.54%	7	13.46%	52	
15.0404	Instrumentation Technol./Tech.	25	89.29%	3	10.71%	28	
15.0405	Robotics Technol./Tech.	312	88.89%	39	11.11%	351	
15.0499	Electromechanical Instrumentation & Main. Tech./Tech., Oth.	48	87.27%	7	12.73%	55	
15.0501	Heating, Air Conditioning & Refrigeration Technol./Tech.	621	97.03%	19	2.97%	640	
15.0503	Energy Mgmt. & Systems Technol./Tech.	203	94.86%	11	5.14%	214	
15.0603	Industrial/Manufacturing Technol./Tech.	538	89.37%	64	10.63%	602	
15.0607	Plastics Technol./Tech.	176	85.02%	31	14.98%	207	
15.0611	Metallurgical Technol./Tech.	51	86.44%	8	13.56%	59	
15.0699	Industrial Prod. Tech./Tech., Oth.	121	79.61%	31	20.39%	152	
15.0803	Automotive Engineering Technol./Tech.	432	93.71%	29	6.29%	461	
15.0805	Mechanical Engin./Mechanical Technol./Tech.	252	87.20%	37	12.80%	289	
15.0899	Mechanical Engin.-Related Tech./Tech., Oth.	184	86.38%	29	13.62%	213	
15.1001	Construction/Building Technol./Tech.	39	86.67%	6	13.33%	45	
15.1101	Engin.-Related Technol./Tech., Gen.	22	81.48%	5	18.52%	27	
15.1103	Hydraulic Technol./Tech.	28	100.00%	0	0.00%	28	
15.9999	Engin.-Related Tech./Tech., Oth.	56	93.33%	4	6.67%	60	
31.0301	Parks, Recreation & Leisure Facilities Mgmt.	38	97.44%	1	2.56%	39	
43.0109	Security & Loss Prevention Serv.	14	93.33%	1	6.67%	15	
43.0201	Fire Protection & Safety Technol./Tech.	295	90.49%	31	9.51%	326	
43.0202	Fire Serv. Administration	36	92.31%	3	7.69%	39	
43.0203	Fire Science/Firefighting	192	92.75%	15	7.25%	207	

**APPENDIX C: MICHIGAN COMMUNITY COLLEGES**  
**STATE BOARD APPROVED OCCUPATIONAL PROGRAMS IN WHICH THE**  
**PERCENTAGE OF WOMEN ENROLLED WAS 25% OR LESS, 1997-98**

CIP Code	Program Name	MEN	%	WOMEN	%	TOTAL STUDENTS
46.0301	Electrical & Power Transmission Installer, Gen.	66	98.51%	1	1.49%	67
46.0302	Electrician	309	91.15%	30	8.85%	339
46.0303	Lineworker	22	100.00%	0	0.00%	22
46.0401	Building/Property Main. & Mgr.	1	100.00%	0	0.00%	1
46.0499	Construction & Building Finishers & Mgrs., Oth.	55	84.62%	10	15.38%	65
46.0501	Plumber & Pipefitter	40	93.02%	3	6.98%	43
46.9999	Construction Trades, Oth.	96	93.20%	7	6.80%	103
47.0101	Electrical & Electronics Equip. Installer & Repairer, Gen.	14	93.33%	1	6.67%	15
47.0199	Electrical & Electronics Equip. Installer & Repairer, Oth.	17	94.44%	1	5.56%	18
47.0201	Heating, Air Conditioning & Refrigeration Mechanic & Repairer	324	95.86%	14	4.14%	338
47.0303	Industrial Machinery Main. & Repairer	227	90.80%	23	9.20%	250
47.0401	Instrument Calibration & Repairer	11	78.57%	3	21.43%	14
47.0501	Stationary Energy Sources Installer & Operator	1	100.00%	0	0.00%	1
47.0603	Auto/Automotive Body Repairer	103	94.50%	6	5.50%	109
47.0604	Auto/Automotive Mechanic/Tech.	1,166	94.03%	74	5.97%	1,240
47.0605	Diesel Engine Mechanic & Repairer	3	100.00%	0	0.00%	3
47.0607	Aircraft Mechanic/Tech., Airframe	102	93.58%	7	6.42%	109
47.0609	Aviation Systems & Avionics Main. Technologist/Tech.	34	87.18%	5	12.82%	39
47.9999	Mechanics & Repairers, Oth.	15	100.00%	0	0.00%	15
48.0101	Drafting, Gen.	1,498	81.59%	338	18.41%	1,836
48.0102	Architectural Drafting	253	76.20%	79	23.80%	332
48.0105	Mechanical Drafting	2,317	77.54%	671	22.46%	2,988
48.0501	Machinist/Machine Technologist	308	96.86%	10	3.14%	318
48.0503	Machine Shop Assistant	718	93.37%	51	6.63%	769
48.0506	Sheet Metal Worker	32	88.89%	4	11.11%	36
48.0507	Tool & Die Maker/Technologist	715	91.67%	65	8.33%	780
48.0508	Welder/Welding Technologist	706	92.53%	57	7.47%	763
48.0599	Precision Metal Workers, Oth.	48	90.57%	5	9.43%	53



## APPENDIX C: MICHIGAN COMMUNITY COLLEGES

STATE BOARD APPROVED OCCUPATIONAL PROGRAMS IN WHICH THE  
PERCENTAGE OF WOMEN ENROLLED WAS 25% OR LESS, 1997-98

CIP Code	Program Name	MEN	%	WOMEN	%	TOTAL STUDENTS
48.0799	Woodworkers, Oth.	1	100.00%	0	0.00%	1
48.9999	Precision Prod. Trades, Oth.	292	96.37%	11	3.63%	303
49.0102	Aircraft Pilot & Navigator (Professional)	240	85.41%	41	14.59%	281
49.0205	Truck, Bus & Oth. Commercial Vehicle Operator	9	100.00%	0	0.00%	9
49.0309	Marine Science/Merchant Marine Officer	70	95.89%	3	4.11%	73
49.0399	Water Transportation Workers, Oth.	24	92.31%	2	7.69%	26

**APPENDIX C: MICHIGAN COMMUNITY COLLEGES  
STATE BOARD APPROVED OCCUPATIONAL PROGRAMS IN WHICH THE  
PERCENTAGE OF MEN ENROLLED WAS 25% OR LESS, 1997-98**

CIP Code	Program Name	MEN	%	WOMEN	%	TOTAL STUDENTS
08.0102	Fashion Merchandising	8	6.78%	110	93.22%	118
12.0401	Cosmetic Serv., Gen.	0	0.00%	1	100.00%	1
12.0403	Cosmetologist	5	4.81%	99	95.19%	104
12.0501	Baker/Pastry Chef	1	7.14%	13	92.86%	14
20.0201	Child Care & Guidance Workers & Mgrs., Gen.	49	2.75%	1,732	97.25%	1,781
20.0202	Child Care Provider/Assistant	22	2.20%	977	97.80%	999
20.0203	Child Care Serv. Mgr.	0	0.00%	8	100.00%	8
20.0299	Child Care & Guidance Workers & Mgrs., Oth.	0	0.00%	13	100.00%	13
20.0404	Dietician Assistant	4	14.81%	23	85.19%	27
20.0499	Institutional Food Workers & Administrators, Oth.	3	25.00%	9	75.00%	12
20.0501	Home Furnishings & Equip. Installers & Consultants,	10	9.71%	93	90.29%	103
20.0599	Home Furnishings & Equip. Installers & Consultants,	5	10.42%	43	89.58%	48
22.0103	Paralegal/Legal Assistant	109	12.06%	795	87.94%	904
25.0301	Library Assistant	5	6.25%	75	93.75%	80
47.0699	Vehicle & Mobile Equip. Mechanics & Repairers, Oth.	1	16.67%	5	83.33%	6
50.0408	Interior Design	8	12.50%	56	87.50%	64
51.0205	Sign Language Interpreter	26	12.09%	189	87.91%	215
51.0301	Community Health Liaison	28	17.95%	128	82.05%	156
51.0601	Dental Assistant	15	4.64%	308	95.36%	323
51.0602	Dental Hygienist	32	3.62%	851	96.38%	883
51.0699	Dental Serv., Oth.	2	8.33%	22	91.67%	24
51.0705	Medical Office Mgmt.	22	12.22%	158	87.78%	180
51.0707	Medical Records Technol./Tech.	8	4.19%	183	95.81%	191
51.0708	Medical Transcription	0	0.00%	91	100.00%	91
51.0801	Medical Assistant	31	4.05%	734	95.95%	765
51.0803	Occupational Therapy Assistant	55	9.48%	525	90.52%	580
51.0805	Pharmacy Tech./Assistant	5	10.42%	43	89.58%	48
51.0806	Physical Therapy Assistant	234	21.69%	845	78.31%	1,079

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CIP Code	Program Name	MEN	%	WOMEN	%	TOTAL STUDENTS
51.0808	Veterinarian Assistant/Animal Health Tech.	12	4.71%	243	95.29%	255
51.0907	Medical Radiologic Technol./Tech.	139	16.57%	700	83.43%	839
51.0908	Respiratory Therapy Tech.	150	20.98%	565	79.02%	715
51.0909	Surgical/Operating Room Tech.	21	11.73%	158	88.27%	179
51.0910	Diagnostic Medical Sonography	9	8.82%	93	91.18%	102
51.0999	Health & Medical Diagnostic & Treatment Serv., Oth.	1	5.00%	19	95.00%	20
51.1004	Medical Laboratory Tech.	9	15.79%	48	84.21%	57
51.1099	Health & Medical Laboratory Tech./Tech., Oth.	2	16.67%	10	83.33%	12
51.1502	Psychiatric/Mental Health Serv. Tech.	48	13.75%	301	86.25%	349
51.1599	Mental Health Serv., Oth.	26	10.57%	220	89.43%	246
51.1601	Nursing (R.N. Training)	931	10.00%	8,379	90.00%	9,310
51.1613	Practical Nurse (L.P.N. Training)	197	9.58%	1,860	90.42%	2,057
51.1802	Optical Tech./Assistant	1	25.00%	3	75.00%	4
51.2601	Health Aide	19	13.38%	123	86.62%	142
51.9999	Health Professions & Related Sciences, Oth.	1	1.43%	69	98.57%	70
52.0204	Office Supervision & Mgmt.	36	22.09%	127	77.91%	163
52.0299	Business Administration & Mgmt., Oth.	18	24.00%	57	76.00%	75
52.0301	Accounting	435	21.70%	1,570	78.30%	2,005
52.0302	Accounting Tech.	820	21.32%	3,027	78.68%	3,847
52.0401	Administrative Assistant/Secretarial Science, Gen.	56	4.79%	1,112	95.21%	1,168
52.0402	Executive Assistant/Secretary	21	2.83%	722	97.17%	743
52.0403	Legal Administrative Assistant/Secretary	9	2.62%	335	97.38%	344
52.0404	Medical Administrative Assistant/Secretary	4	0.68%	585	99.32%	589
52.0405	Court Reporter	5	3.79%	127	96.21%	132
52.0406	Receptionist	0	0.00%	8	100.00%	8
52.0407	Information Processing/Data Entry Tech.	127	20.96%	479	79.04%	606
52.0408	Gen. Office/Clerical & Typing Serv.	3	2.05%	143	97.95%	146
52.0499	Administrative & Secretarial Serv., Oth.	5	6.49%	72	93.51%	77

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CIP Code	Program Name	MEN	%	WOMEN	%	TOTAL STUDENTS
52.0803	Banking & Financial Support Serv.	30	17.96%	137	82.04%	167
52.0903	Travel-Tourism Mgmt.	9	8.18%	101	91.82%	110
52.1299	Business Information & Data Processing Serv., Oth.	1	8.33%	11	91.67%	12

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